



# AI THESIS FAIR

## 17 OCTOBER, 2025

### IMPORTANT DATES

**16 SEPTEMBER 2025**  
AI Projects on Marketplace  
become available

**18 SEPTEMBER 2025**  
Information Session- presentation  
on the AI Thesis Fair, and  
project selection begins

**18 SEPTEMBER – 25 SEPTEMBER**  
Project selection is open

**8 OCTOBER 2025**  
Deadline for uploading  
CVs to platform

**17 OCTOBER 2025**  
8:30 – 12:45  
AI Thesis Fair!

ORGANIZED BY IVI  
UNIVERSITY OF AMSTERDAM

QUESTIONS?  
ThesisFair-IVI@uva.nl

# Session Information

- The slides from this session will be made available to you on the Thesis Fair website and on Canvas.
- We will not be going over your thesis today. A separate Thesis Information Session will be held by your program.
- The presentation will start with information unrelated to the Thesis Fair: LAB42 SME Datalab. This is an exciting **paid** opportunity for students who are interested and have time/the desire to do a project unrelated to coursework and the Thesis.
- Is anyone here in their first year?
- Is there anyone here from anyone here from the VU?

## Important links:

Thesis Fair website: <https://informatics.amsterdam/#student-faqs>

Thesis Fair Platform: <https://datanose.uva.nl/m/thesismatching>



UvA

SME

DATALAB

42

# Introduction

- The SME DataLAB 42 is part of the larger proposal called The ROBUST Long-Term Program
- At the UvA, the SME DataLAB 42 project will be under the LAB42 umbrella

These are potential side jobs you can do on top of your studies. This is not related to your program, and you do not receive educational credit – just money and valuable work experience.

# SME DataLAB 42 Activities

- They will be three major activities undertaken by the SME DataLAB 42 project at the UvA:
  - Datalab Sprint
  - Datalab Workshop (Masterclasses)
  - Data Buddy Project

# Data Buddy Project

- Unclear where to start with data in your business, or not sure of a project
- Gather insights on the company to find how they can use data to help solve their problem(s)
- €1.000 for 40 hours' worth of work
- About 8 hours per week for a total of 40 hours across 5 weeks

# Masterclass

- Present a workshop (1.5 – 2 hours) on a specific AI or data topic to a group of companies
- Students assist on the day of workshop
- Provide 1-hour student support after the session (virtual)
- €25 per hour

# Datalab Sprint

- Project carried out by a student at a SME/MKB under the guidance of a project leader
- Project delivers a predetermined deliverable; the project is defined data project solves a concrete issue
- Deliverables can trend analysis, dashboard development or even predictive models



# Datalab Sprint

- 8-10 weeks
- 6-8 hours per week across 8 – 10 weeks for a total of 60-80 working hours
- € 1.500 for 60-80 hours' worth of work

# Intake Procedure

- Email to show interest and will be added to mailing list
- Apply for interested project proposals through emailing CV and short (1-2 paragraph) motivation and 'fit' to project
- Skills and personality fit evaluated
- Administrative process cleared

## Contact Info



[Smedatalab42@uva.nl](mailto:Smedatalab42@uva.nl)

# What is the AI Thesis Fair

The AI Thesis Fair is the opportunity for you to meet with external organisations and research groups and discuss their offered projects with the hope that you will match with one of them.

In order to participate in the AI Thesis Fair, **you must vote for/select projects on the Thesis Matching Platform (TMP)**. There is no ranking. The order your votes appear are not indicative of first, second or third preference, etc. **The project selection deadline is Thursday, 25 September. You must vote to participate in the event.**

The voting is just to provide some direction for the day. It is equally designed to give you the chance to thoroughly read and review projects and organisations. You will have the opportunity to meet with every single organisation at the event. Please note that there are no set meetings.

The booths/organisations are split between three separate sections of the KIT, with a total of almost 40 organisations across the venue. Students will be split into three separate groups and each group will have an hour per section. After each hour is up, your group will be rotated to the next section.

## Important links:

Thesis Fair website: <https://informatics.amsterdam/#student-faqs>

Thesis Fair Platform: <https://datanose.uva.nl/m/thesismatching>

# AI Thesis Fair Program – Morning of Friday, 17 October

**Registration:** 8:30 at the Royal Tropical Institute (KIT)

**Open Marketplace:** 9:15 – 12:15

**Round 1:** 9:15 – 10:15

**Round 2:** 10:15 – 11:15

**Round 3:** 11:15 – 12:15

**Lunch:** 12:15 – 12:45

**Borrel:** 17:30 – 18:30

You are welcome to return at 17:30 for the borrel.

**YOU MUST VOTE  
FOR/SELECT PROJECTS  
IN ORDER TO  
PARTICIPATE IN THE  
AI THESIS FAIR**

**Selection deadline:  
Thursday,  
25 September (midnight)**

# Thesis Matching Platform (TMP)

<https://datanose.uva.nl/m/thesismatching>



# Thesis Projects


- All projects are listed on the Thesis Matching Platform: <https://datanose.uva.nl/m/thesismatching>
- When you are logged into the platform you will automatically see only the projects available for your program.
- There are two types of projects:
  - Internal projects with one of our Research Groups (you can filter for these by typing in University of Amsterdam into the search bar).
    - You can contact the researcher who posted the internal project directly if you are interested.
  - External projects with an external organisation (usually matched through the Thesis Fair)
    - Some external organisations are not participating in the Thesis Fair but have submitted projects to the Marketplace. You can contact them directly if you are interested in one of those projects.


## Important links:

Thesis Fair website: <https://informatics.amsterdam/#student-faqs>

Thesis Fair Platform: <https://datanose.uva.nl/m/thesismatching>

# Thesis Matching Platform – after logging in

 DataNose › Thesis Matching Platform


EN ▾ 


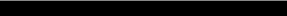
Dashboard Organisations

### Projects

Selected Projects 0 Available Projects 12

Project Name	Organisation
No projects have been selected. Select projects using the Available Projects tab.	

  
Master Software Engineering

Upload resume

### Quicklinks

[Information Thesis Fair](#)



# Thesis Matching Platform - Upload CV (PDF, 5mb)



DataNose › Thesis Matching Platform

EN ▾



Dashboard Organisations

## Projects

Selected Projects 0

Available Projects 12

Project Name

Organisation

No projects have been selected. Select projects using the Available Projects tab.

[Redacted]

Master Software Engineering

[Redacted]

Upload resume

## Quicklinks

[Information Thesis Fair](#)

**Deadline for uploading your CV is 8 October**

# Thesis Matching Platform - Upload CV (PDF, 5mb)

The screenshot displays the 'Thesis Matching Platform' interface. At the top, the header includes the DataNose logo, the page title 'Thesis Matching Platform', a language selector set to 'EN', and a user profile icon. Below the header, a navigation bar shows 'Dashboard' and 'Organisations'. The main content area is divided into sections. On the left, a 'Projects' section shows 'Selected Projects' (0) and 'Available Projects' (12). Below this is a table with a header 'Project Name' and a row indicating 'No projects have been selected. Select projects to see details here.' On the right, there is a card for 'Master Software Engineering' with a red 'Upload resume' button. A modal window titled 'Upload resume' is centered on the screen. It contains the text 'Your resume will be shared with organisations when you select projects.' and a dashed box for file upload. Inside the box, it says 'Pick a file or drag & drop it here' and 'Allowed file types: .pdf (max. 5 mb)'. A red 'Select file' button is at the bottom of the box. The modal also has 'Cancel' and 'Save' buttons at the bottom right.

**Deadline for uploading your CV is 8 October**

# Thesis Matching Platform - Dashboard



DataNose › Thesis Matching Platform

EN ▾



Dashboard Organisations

## Projects

Selected Projects 0

Available Projects 12

Project Name

Organisation

No projects have been selected. Select projects using the Available Projects tab.

Master Software Engineering



Upload resume

## Quicklinks

[Information Thesis Fair](#)

# Thesis Matching Platform – Available Projects



DataNose › Thesis Matching Platform

Dashboard Organisations

## Projects

Selected Projects 0

Available Projects 12



Search Projects

Q Fill in a search term

Programme

All selected ▾

Project Name

Organisation

\*\*Master's thesis with impact: Your own research question (with help of our domain specific experts)

Info Support

[View](#)

\*\*How can software development teams effectively maintain and extend "vibe coded" low quality PoC codebases to ensure efficient collaboration, scalability, and long-term sustainable development?

Sue

[View](#)

\*\*Automate quality improvements of developed software by using GenAI feedback loop

Software Improvement Group (SIG)

[View](#)

\*\*Model Based Testing of GUI Applications

Axini

[View](#)

\*\*Visualizing Formal Models

Axini

[View](#)

\*\*A test suite for C and C++ compiler extensions

Solid Sands

[View](#)

\*\*Test generation for C++ to Rust Calling Conventions

Solid Sands

[View](#)

# Thesis Matching Platform – Double Asterisks (\*\*)

- If a project has a double asterisk (\*\*) in the project title, then that means that organisation will be at the AI Thesis Fair and you can talk to that organisation.
- Keep in mind that the specific Project Holder of the project you are interested in may not be at the event. But you can talk to their colleagues about the research themes and what it is like to work/research at their organisation.

This organisation will be represented at the AI Thesis Fair

**\*\*** [Robust Misinformation Detection](#)

[University of Amsterdam: Natural Language Processing and Digital Humanities](#)

**\*\*** [Automatic Humor Analysis](#)

[University of Amsterdam: Natural Language Processing and Digital Humanities](#)

This organisation will **NOT** be represented at the Thesis Fair

[Digital Twin for AAV Delivery](#)

[LYDS AI](#)

# Thesis Matching Platform – Participating Organisations

3DUniversum

Abykys

Adyen

AUMC: Biomedical Engineering & Physics

AUMC: Clinical Neurophysiology

AUMC: Department of Pathology

AUMC: Radiation Oncology  
(Department of Radiotherapy)

AUMC: Radiology and Nuclear Medicine

CargoLedger

Cordys Analytics

Datacation

Elsevier

ICAI Lab: OpenGov Lab

Kaiko.ai

KPMG

KPN

Medis Medical Imaging

NEO

Netherlands Aerospace Centre  
(NLR)

Netherlands Cancer Institute  
(NKI)

Netherlands Forensics Institute  
(NFI)

Nikhef

Software Improvement Group  
(SIG)

Solid Sands

Studio Automated

SURF

The Police

TomTom

UvA: AI, Culture & Society

UvA: AMLAB

UvA: Biosystems Data Analysis

UvA: Computational Linguistics

UvA: Computational Science  
Lab

UvA: Explainable AI

UvA: IRIlab

UvA: Language and Music  
Cognition

UvA: NLP for DH

UvA: qurAI group

UvA: SIAS

UvA: VIS

WAIR

# The Dream Project – Voting/Selecting Projects

Unsure which project(s) to select? Ask yourselves the following questions:

- What **research theme** do you like or want?
- Do you like to work in a **small** or **large company**?
- Would you like experience in **industry** or **academia**?
- Working on a **team** or **alone**?
- What kind of **guidance** do you want or need?
- What kind of **skills/expertise** do you have/want to develop?
- What kind of data do you want to have access to?
- Does the project require **English** or **Dutch**?
- What are the **working conditions**?

# Thesis Matching Platform – Selecting/Voting for Projects



DataNose › Thesis Matching Platform

Dashboard

Organisations

## Projects

Selected Projects 0

Available Projects 12



Search Projects

Q Fill in a search term

Programme

All selected ▾

Project Name

Organisation

\*\*Master's thesis with impact: Your own research question (with help of our domain specific experts)

Info Support

View

\*\*How can software development teams effectively maintain and extend "vibe coded" low quality PoC codebases to ensure efficient collaboration, scalability, and long-term sustainable development?

Sue

View

\*\*Automate quality improvements of developed software by using GenAI feedback loop

Software Improvement  
Group (SIG)

View

\*\*Model Based Testing of GUI Applications

Axini

View

\*\*Visualizing Formal Models

Axini

View

\*\*A test suite for C and C++ compiler extensions

Solid Sands

View

\*\*Test generation for C++ to Rust Calling Conventions


Solid Sands

View



# Thesis Matching Platform – Selecting/Voting for Projects


You can search for specific organisations and/or research themes.


 DataNose › Thesis Matching Platform

Dashboard Organisations

### Projects

Selected Projects 1 Available Projects 59

**Search Projects**  


**Programme**  
 

Project Name	Organisation	
<u><a href="#">**How can software development teams effectively maintain and extend "vibe coded" low quality PoC codebases to ensure efficient collaboration, scalability, and long-term sustainable development?</a></u>	<u><a href="#">Sue</a></u>	<input type="button" value="View"/>
<u><a href="#">**Automatic discovery of complex cloud infrastructure system relationships</a></u>	<u><a href="#">Sue</a></u>	<input type="button" value="View"/>
<u><a href="#">**Exploring SLO Definition in Microservice Architectures</a></u>	<u><a href="#">Sue</a></u>	<input type="button" value="View"/>

# Thesis Matching Platform – Selecting/Voting for Projects

Dashboard Organisations

Solid Sands

Select Project

**\*\*A generator for C++ declaration conformance tests**

Selection Deadline: 25 September 2025 00:00

Available

General Information

Available Places

1

Project Details

Description

At Solid Sands, we develop a test suite for the C++ standard library. Our goal is to verify that each function in a library implementation (for example, LLVM's libc++) behaves exactly as specified by the C++ standard. The standard provides a detailed specification for every header in the C++ library, including precise declarations of all classes and functions. In C++, much of a function's semantics can be inferred directly from its declaration. Furthermore, the language allows function declarations to be overloaded, adding a layer of complexity that needs to be accounted for.

For example, the function `vector::begin()` has two overloads declared as follows:

```
constexpr iterator begin() noexcept; constexpr const_iterator begin() const noexcept;
```

These declarations provide the following information:

Both functions are `constexpr` and `noexcept`. One overload is `const`. The two overloads have different return types. Both functions take no arguments.

Project Contact Person

👤 Ahmed Ibrahim

✉ [ahmed@solidsands.nl](mailto:ahmed@solidsands.nl)

# Thesis Matching Platform – Selecting/Voting for Projects

When you select a project, you consent to sharing your profile with the organisation.

The screenshot displays the 'Thesis Matching Platform' interface. At the top, the header shows 'DataNose · Thesis Matching Platform' and a language selector set to 'EN'. Below the header, there are navigation links for 'Dashboard' and 'Organisations'. The main content area is titled 'Solid Sands' and features a 'Select Project' button. A modal window titled 'Select Project' is open in the center, displaying the following information:

- Project Title:** \*\*A generator for C++ declaration conformance tests
- Selection Deadline:** 25 September 2025 00:00
- Status:** Available
- General Information:** Available Places: 1
- Project Details:**
  - Description:** At Solid Sands, we develop a test suite for C++ library implementation (for example, LLVM's libc++). It behaves exactly as specified by the C++ standard. The standard provides a detailed specification for every header in the C++ library, including precise declarations of all classes and functions. In C++, much of a function's semantics can be inferred directly from its declaration. Furthermore, the language allows function declarations to be overloaded, adding a layer of complexity that needs to be accounted for.
  - Example:** For example, the function `vector::begin()` has two overloads declared as follows:  
`constexpr iterator begin() noexcept; constexpr const_iterator begin() const noexcept;`  
These declarations provide the following information:  
Both functions are `constexpr` and `noexcept`. One overload is `const`. The two overloads have different return types. Both functions take no arguments.

The modal also includes a 'Permission' section with a checked checkbox: ☒ I agree to share my resume and contact details with Solid Sands. At the bottom of the modal are 'Cancel' and 'Select' buttons. To the right of the modal, the 'Project Contact Person' information is visible: Ahmed Ibrahim, with email [ahmed@solidsands.nl](mailto:ahmed@solidsands.nl).

# Thesis Matching Platform – Selecting/Voting for Projects

Selected projects appear on your Dashboard. You can **view** or **deselect** them from here.



DataNose › Thesis Matching Platform

Dashboard Organisations

## Projects

Selected Projects 2

Available Projects 17

Project Name	Organisation	
<a href="#">**Automate quality improvements of developed software by using GenAI feedback loop</a>	<a href="#">Software Improvement Group (SIG)</a>	...
<a href="#">**A test suite for C and C++ compiler extensions</a>	<a href="#">Solid Sands</a>	...

View

Deselect

2 rows in total

# Thesis Matching Platform – Selecting/Voting for Projects

Select as many projects as you would like from different organisations. Take a look at all available projects for your program, you may be surprised! There is no limit to how many projects you can select, just as long as you select at least 3-5 projects.

**Voting is open and closes on 25 September at midnight.**

**YOU MUST VOTE FOR/SELECT  
PROJECTS IN ORDER TO  
PARTICIPATE IN THE  
AI THESIS FAIR.**

# Your CV and Professionalism

- Treat it like a **job interview**
- Wear **professional clothes** and have a clean/tidy appearance.
- **Prepare questions**
- **Research** each organisation you wish to meet
- Maintain **eye contact** if possible
- **Be confident** (not cocky) and **listen** to their questions and be sure to answer them
- Be **respectful**
- **Do not burn any bridges!**  
Even if you don't do a project with an organisation, there is a chance you will meet or work with some of these people in future

# During the Meetings

Ask if the representative can see your CV (you should have uploaded your CV to the platform)

- Introduce yourself
- Ask for **their name** (or look at their nametag) and use it throughout the meeting
- **Take notes**
- Ask your **prepared questions** and **open questions**
- Check your ideas and assumptions of the organisation
- Check if your ideas and interpretations of the project(s)
- Agree upon further contact and how to contact

# Your CV - What to put on your CV

## Basic information:

- First and surname
- LinkedIn
- Github
- Website
- Email
- Mobile number
- Address

+ Program name, how long your thesis is, your period of availability for the project.

## Include the following descriptions:

- **Profile:** Describe your skills, expertise and ambition in 2-3 sentences each
- **Education:** Which schools you have attended
- **Work experience:** Short sentences with job description and competencies
- Chosen set of courses and research areas of interest
- Internships and volunteering
- A photo is optional but encouraged



# Your CV - useful tools and materials

- UvA Careers website - <https://student.uva.nl/en/categories/uva-student-careers-centre>
- Harvard University Careers - <https://ocs.fas.harvard.edu/resumes-cvs-cover-letters>
  - Video on how to write a CV
  - Do's and don'ts
  - Action verbs for your CV

# Follow-up After the AI Thesis Fair

Do you have enough information? If not, then do some research.

Email or call the companies of your preference. **Use the agreed upon contact method.**

Make an appointment to meet with them further.

Note: please remember that a contract is a binding agreement. Only sign the contract if you are sure that you are going to undertake your thesis with them.

# Internship Agreements - NDAs

Please contact [internshipagreement-science@uva.nl](mailto:internshipagreement-science@uva.nl) for questions.

A detailed description of the new policy can be found [here](#). You may also find a sample internship agreement form [here](#).

- The UNL model internship agreement is established in consultation with the business community.
- It considers the duty of care and educational task of universities, as well as the competitive position of companies.
- The agreement is applicable to all higher education institutions in the Netherlands and is exclusively for internships within the country.
- No additional Non-Disclosure Agreements or other agreements are accepted.
- Trade secrets and intellectual property rights are adequately protected through the model internship agreement and the national collective labour agreement.
- There is a two-week response period for the removal of confidential information in the thesis or presentation.
- If the internship provider does not respond within this period, the internship report may be published in full and the presentation will continue.
- Exceptions to the agreement, such as longer embargo periods or confidential appendices, must be indicated in the internship agreement form.

# Contacts and points of information

Questions about the Thesis Fair? Visit our Student FAQs on <https://informatics.amsterdam/#student-faqs> if you cannot find the answer there, then email [thesisfair-lvl@uva.nl](mailto:thesisfair-lvl@uva.nl)

This presentation will be published on the Thesis Fair Student FAQs page.

- If you have any personal concerns or issues please contact your Study Advisor, Cecilia Sigvardsdotter: [A.K.C.Sigvardsdotter@uva.nl](mailto:A.K.C.Sigvardsdotter@uva.nl) (only for MSc AI).
- If you have any specific questions about your thesis, please contact your Thesis Coordinator, Hoel Kervadec at [mscaithesis-gsi@uva.nl](mailto:mscaithesis-gsi@uva.nl) . **THIS IS NOT US.**
- If you still have questions after using these resources, then you can email us at [thesisfair-lvl@uva.nl](mailto:thesisfair-lvl@uva.nl). Please note that if you come to us with questions that can be answered by the Thesis Fair website, we will redirect you back to the website.

# Questions from students

Thank you  
and  
good luck!