

The poster features a collage of images related to the AI Thesis Fair. At the top left, a group of people are seated around a table in a meeting. To their right, a group of people are standing and talking. At the bottom left, there is a photo of a building entrance with a sign that says 'UVA THESIS'. In the bottom right corner, there is a close-up profile of a woman's face. A large purple diagonal band runs from the top right to the bottom left, containing the event dates and other information.

AI THESIS FAIR

16 OCTOBER, 2026

IMPORTANT DATES

15 SEPTEMBER 2026
AI Projects on Marketplace
become available

15 SEPTEMBER 2026
Information Session- presentation
on the AI Thesis Fair, and
project selection begins

15 SEPTEMBER - 24 SEPTEMBER
Project selection is open

7 OCTOBER 2026
Deadline for uploading
CVs to platform

16 OCTOBER 2026
8:30 - 12:45
AI Thesis Fair!

ORGANIZED BY THE GSI
UNIVERSITY OF AMSTERDAM

QUESTIONS?
ThesisFair-lvl@uva.nl

Session Information

- The slides from this session will be made available to you on the Thesis Fair website and on Canvas.
- 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 Workshop (Masterclasses)
 - DataLAB Sprint

DataLAB Workshop (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
- 60-80 working hours total or 6-8 hrs per week
- € 2.000 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

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, 24 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, whether this is during one of the rounds, during lunch, or the borrel. 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, 16 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,
24 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](#)

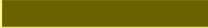
Thesis Matching Platform - Upload CV (PDF, 5mb)

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](#)

Deadline for uploading your CV is 7 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 text 'DataNose > Thesis Matching Platform', a language dropdown 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 two columns. The left column, titled 'Projects', shows 'Selected Projects' as 0 and 'Available Projects' as 12. Below this, a table with the header 'Project Name' is visible, with the first row stating 'No projects have been selected. Sele...'. The right column features 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 with the instruction 'Pick a file or drag & drop it here' and 'Allowed file types: .pdf (max. 5 mb)'. A red 'Select file' button is inside the dashed box. At the bottom of the modal are 'Cancel' and 'Save' buttons. A yellow banner at the bottom of the slide reads 'Deadline for uploading your CV is 7 October'.

DataNose > Thesis Matching Platform

EN [User Profile]

Dashboard Organisations

Projects

Selected Projects 0 Available Projects 12

Project Name

No projects have been selected. Sele...

Master Software Engineering

Upload resume

Upload resume

Your resume will be shared with organisations when you select projects.

Pick a file or drag & drop it here

Allowed file types: .pdf (max. 5 mb)

Select file

Cancel Save

Deadline for uploading your CV is 7 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

****** 3D-Guided Image-to-Video Generation for Automated Real Estate Videography

3DUniversum

****** A Foundation Model for Structural Edge Detection in Indoor Property Videos

3DUniversum

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

Cross-Sport Highlight Detection Beyond Score Events

Media Distillery

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
All selected ▼

Project Name	Organisation	
**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
**Automatic discovery of complex cloud infrastructure system relationships	Sue	View
**Exploring SLO Definition in Microservice Architectures	Sue	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

Project Contact Person

👤 Ahmed Ibrahim

✉ ahmed@solidsands.nl

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.

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 '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, 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 displayed: Ahmed Ibrahim, email: 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

[**Automate quality improvements of developed software by using GenAI feedback loop](#)

[Software Improvement Group \(SIG\)](#)

... View

[**A test suite for C and C++ compiler extensions](#)

[Solid Sands](#)

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 24 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 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

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: studyadviser-ai-science@uva.nl
- If you have any specific questions about your thesis, please contact your Thesis Coordinator, mscAlthesis-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. 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!