
CENTER FOR SOFTWARE
ENGINEERING EXCELLENCE
Building the builders
of tomorrow.
csee.tech

WHAT

AT CSEE THE MOST AMBITIOUS BUILDERS

CONNECT, COLLABORATE, & CREATE OPPORTUNITIES

TO GIVE ONE ANOTHER THE BEST SHOT

AT SHAPING THE FUTURE.



1. EUROPE IS LOSING
2. JUNIORS HAVE A HARD TIME

BRING TALENTS TOGETHER.

LET MAGIC HAPPEN.

EDUCATION



SAI SOFTWARE ENGINEERING & APPLIED AI

Best 6-8% accepted

TPL TECHNICAL PROJECT LEADERSHIP

Best 1% accepted

TPM TECHNICAL PROGRAM MANAGEMENT *

About 0,1% accepted (no formal application)

TEAM



Dr. Guy Yachdav

Program Director & Lecturer

Sr. Director @ Immunai



Amin Ben Saad

Managing Director

Founder



Dr. Haochun Ma

Managing Director

Founder & Investor



Maisa Ben Salah

Program Management

Sr. SWE @ Amazon



Eva Zinn

Program Management

MSc. @ TUM



Lourenço Vieira

Program Management

MSc. @ TUM

csee.tech

Software Engineering & Applied AI (SAI)
Practicum



FORMER STUDENTS JOINED

DATADOG Palantir NVIDIA Google amazon Microsoft TESLA Allianz Global Investors Meta Apple Jan Stre

6-8% accepted — 60 students — 12 weeks

csee.tech

Project Structure

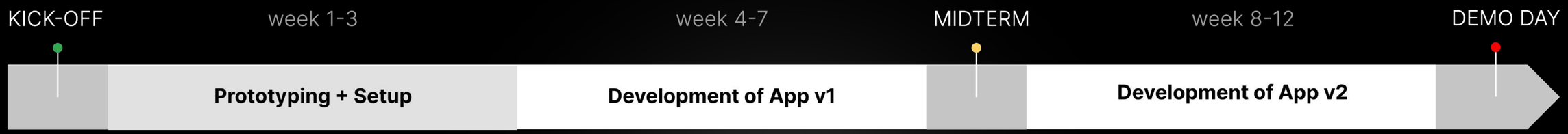
Agile Environment

12 WEEKS
Actively building

8-9 DEVELOPERS
Best 6-8% of applicants

3 TEAMS
Front | Back | Meta

TIMELINE



Project Structure

Team Composition

4-6 Independent Projects

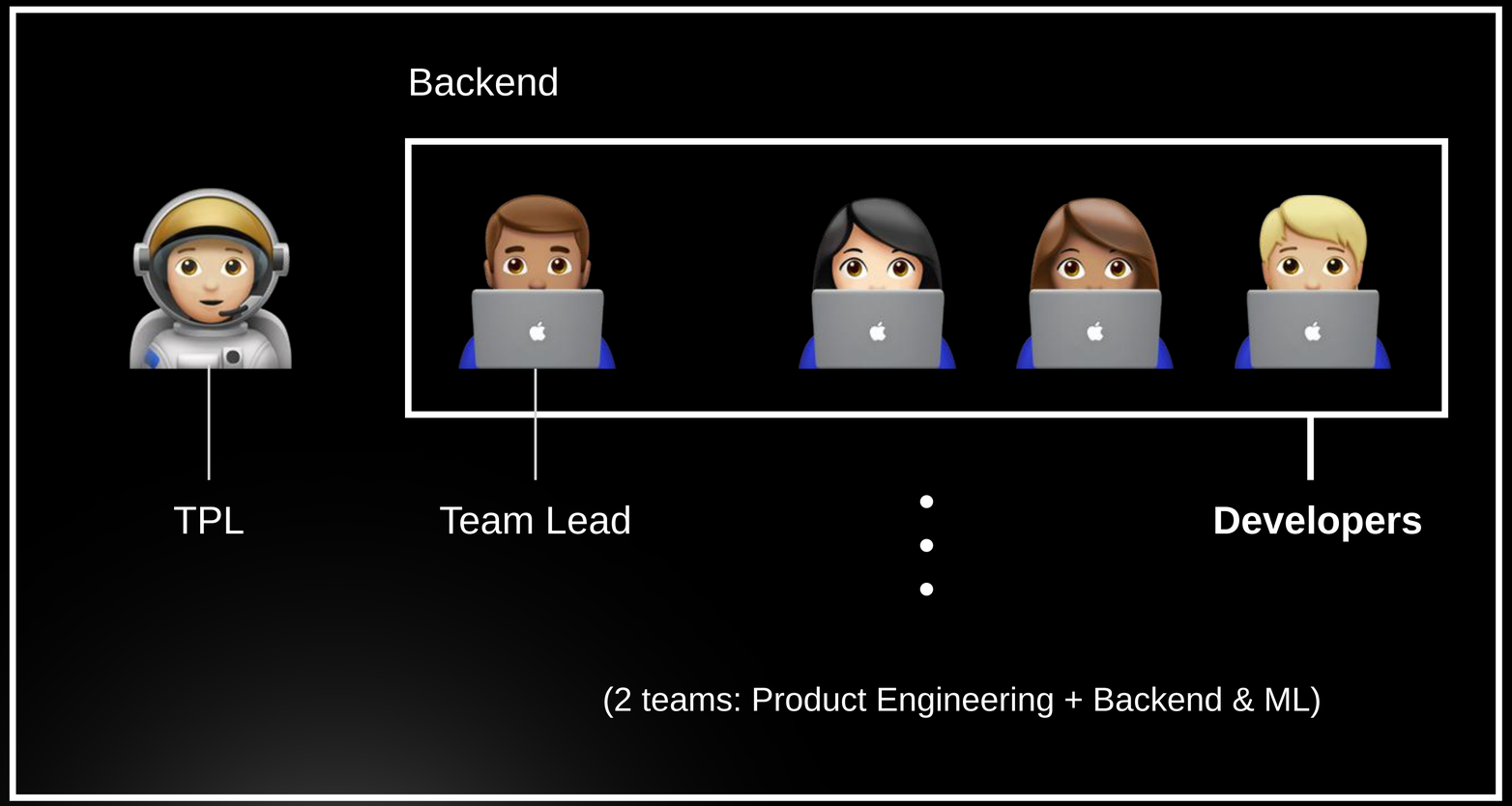
Announced at Kick-off

Team Lead (SAI)

Tech lead of single sub-team

Technical Project Lead (TPL)

Organisational lead across all sub-teams of single project.



Meeting Schedule

SPRINT



sub-team-internal

TPL, TL, DEVs

TEAM LEAD



Cross-sub-team

TPL, TLs

CUSTOMER



Full project team

TPL, TLs, DEVs, C

TPL - Technical Project Lead | **TL** - Team Lead | DEVs - Developers | C - Customer

Important Dates

Summer 2026

KICK-OFF



on-site

Official course start

MIDTERM



(usually) on-site

First app iteration

DEMO DAY



on-site

Final presentation

Mandatory participation!

Time

12

1

4

Program Management Stack
(Exclusive)

slack Drive

Notion Linear GitHub



DEVELOPMENT

80%


CoachAI
A smart voice-based training app for HR professionals in Nonprofits
July 25th, 2025
Center for Software Engineering Excellence (CSEE)
Develop exceptional leadership skills with AI coaching
Foundation

DEMO

10%



DOCS + HANDOVER

10%

Deliverables & Grading

DEVELOPMENT



Result of 12 week working period

+

DEMO



Keynote of your final app (10 min)

+

DOCS + HANDOVER



Make the customer happy (3 doc-types)

Our Expectation

CSEE Values

EXTREME OWNERSHIP

Take responsibility like the role model you'd adore.





CRAFT

Care deeply about quality and details.

HIGH AGENCY

Act like the outcome depends on you; because it does.





HONESTY

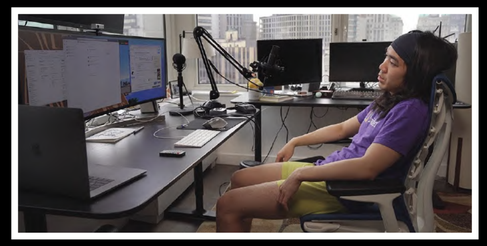
Say the quiet part out loud - even if it's a punch in the gut.

DEEP RESPECT

Care as much about your team as the results.

Pre-requisites
(Nothing really)

GENERAL



- At least 1 functional / OO programming language
- Programming languages:
  JS, TS, Python, Rust, Go, …
- AI Tooling:
  Copilot, Codex, Claude Code, …
- CI/CD & Code Quality:
  Git, Testing, Linting, Deploy, …
- …

FRONTEND



- Frontend Frameworks:
  React, Vue, Angular, …
- Frontend tooling:
  Vercel, Lovable, Tailwind, Biome, …
- Design tools:
  Adobe tools, Figma, Canva
- Build tools: Vite, Webpack, …
- …

BACKEND



- Backend Frameworks:
  Node, Express, FastAPI, …
- APIs: REST, GraphQL, gRPC, …
- Cloud Services:
  GC, AWS, Azure, …
- (No)-SQL Databases:
  MySQL, PostreSQL, MongoDB
- …

Pre-requisites
(Nothing really)

MOST IMPORTANTLY



15-30h per week
(Highly results-oriented)

Technical Project Leadership (TPL)

Practicum | IDP | Instructor €



FORMER TPLs GOT INTO

CDTM · EWOR · Stanford University · MANAGE AND MORE · ETH zürich · UNIVERSITY OF CAMBRIDGE

<1% accepted — 5 students — 3 teams

csee.tech

Technical Program Management (TPM)

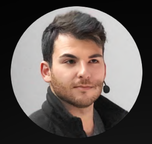
Full-time | Instructor €



WORK DIRECTLY WITH LEADERSHIP



Dr. Guy Yachdav
Program Director & Lecturer
Sr. Director @ Immunai



Amin Ben Saad
Managing Director
Founder



Dr. Haochun Ma
Managing Director
Founder & Investor

<0.1% accepted — 60 developers — 5 projects

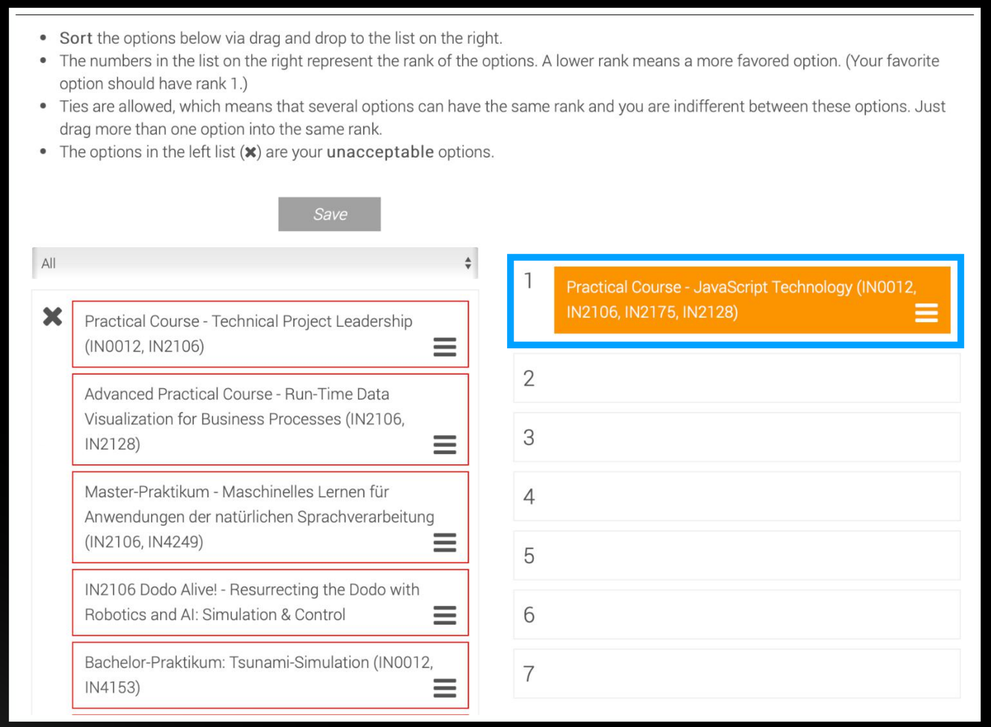
csee.tech

Application

1 Go to Matching under:
matching-in.cit.tum.de

2 Make us your first choice
to increase your chances

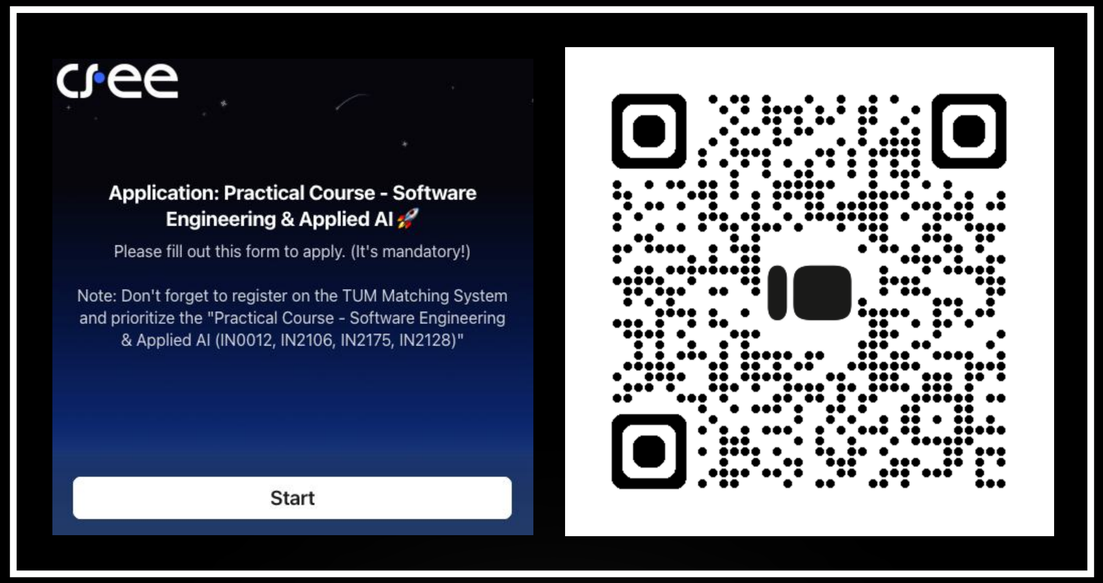
3 Wait for matching results
incl. our Welcome email



Application Form

Only for SAI

Application
July 10th



Questions:
education@csee.tech

THE BEYOND

EDUCATION



CSEE FELLOWS



- **CSEE FELLOWSHIP (€)**
- **HACKATHONS**
- **MENTOR PROGRAM**
- **INDUSTRY COLLABS**
- **JOB MATCHING**
- **HACKER HOUSE**
- **INCUBATOR**
- **…**

THE BEYOND

EDUCATION



CSEE FELLOWS



- **CSEE FELLOWSHIP (€)**
- **HACKATHONS**
- **MENTOR PROGRAM**
- **INDUSTRY COLLABS**
- **JOB MATCHING**
- **HACKER HOUSE**
- **INCUBATOR**
- **...**

> eam of highly motivated and excellent students. eople are super nice and super helpful!

> I really love the hands-on mentally! It doesn't feel like a university course at all, because you guys really do a great job at making people care and it shows!

> Great supervision, many opportunities to develop not only technically but also personally. [...] you learn a lot with very motivated students!

> best course at TUM. Would strongly recommend would do it 10 more times ! ++++++++

> Great support from the course organizers. They really showed that they cared about the project and what the outcome will be.

> This is the best course at TUM. The project leads are very good at what they do and the organisation of the seminar was ideal.

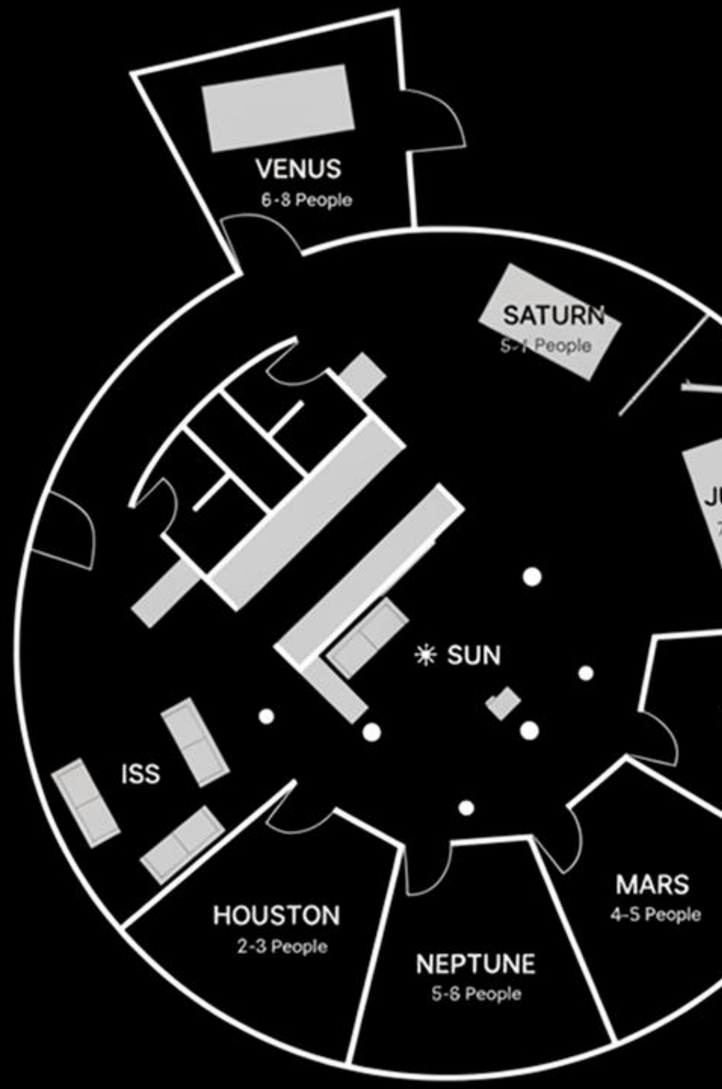
1.800+ APPLICATIONS PER YEAR

1.000+ STUDENTS SUPPORTED

250m² OFFICE SPACE

15+ TASK FORCE MEMBERS

30+ EVENTS PER YEAR



csee.tech

CSEE FELLOWSHIP

3-month batches, 3.000€ / year



Batch 1: 400€ / month

trial | 3-month program

1. Join one of 5 task forces
2. 14-day trial, then scholarship for full program length
3. Make CSEE aim higher

Break

Take exams, visit family, relax & enjoy.

Continue supporting (Optional)



Batch 2: 600€ / month

3-month program

1. Switch task force (TF) or become TF lead
2. Mentor new Fellows
3. Continue raising the bar

Applications Open: August 15

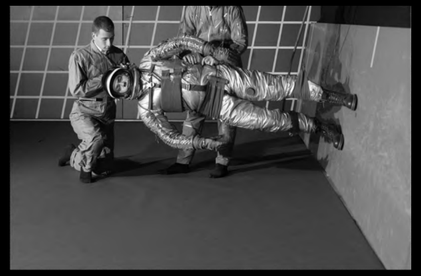
csee.tech

THE BEYOND

EDUCATION



MARKETING



GROWTH



CULTURE



TECH



NON-PROFIT*



THE RIGHT PLACE TO GROW.

High Agency Is All You Need.

csee.tech

CONFIRM YOUR ATTENDANCE
BY SCANNING BELOW.

Pre-Meeting
Attendance



Anything else:
education@csee.tech

Follow us on Instagram
to hear it first.

APPLICATION Q&A

Anything else:
education@csee.tech

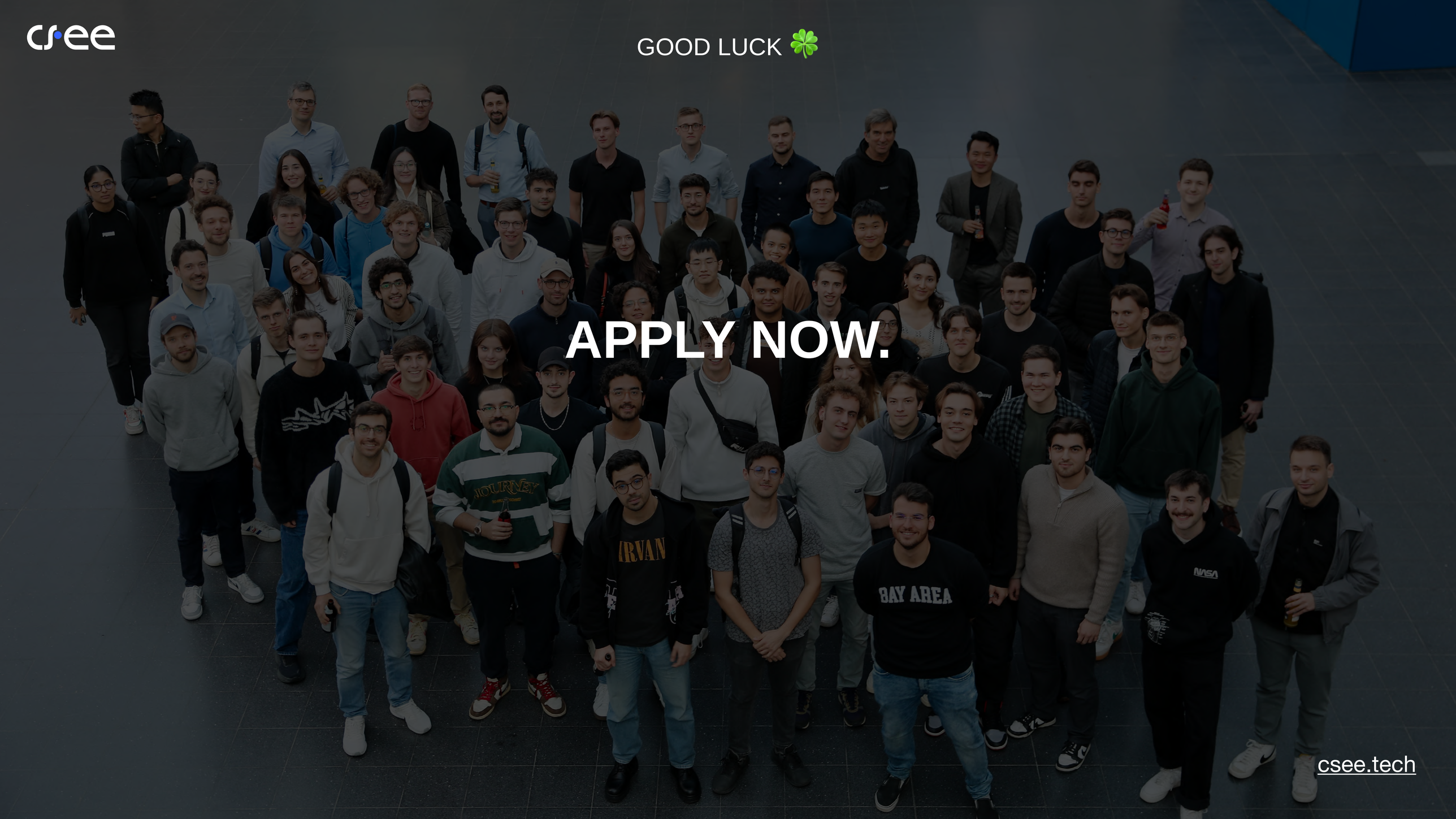
Follow us on LinkedIn
to hear it first.

SHOW SOME ❤️



Anything else:
education@csee.tech

GOOD LUCK 🍀



APPLY NOW.

csee.tech

Huge Thanks ❤️



To Our Task Force Members, who make all of this possible:

csee.tech