

# Justus Toedtmann

justus.todtmann@student.uva.nl

US Permanent Resident (Green Card Holder) – No Visa Sponsorship Required

jtoedt.dev

## Education

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### University of Amsterdam

Bachelor of Science, Computational Social Science

Amsterdam, NL

Sep 2024 – Jun 2027

### German International School of Silicon Valley

- Varsity soccer team 2022-2024
- Student body treasurer 23/24
- Student council 23/24
- Class representative 23/24

Mountain View, CA

Aug 2021 – May 2024

### Immanuel-Kant-Gymnasium

- Won local school math award (Mathe Olympiade)
- Robotics club
- Theater club

Bad Oeynhausen, DE

Aug 2015 – Jun 2021

## Experience

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### Catering

werQdag

Amsterdam, NL

Feb 2025 – Oct 2025

- Various hospitality work
- Private company events

### Private Tutor

German International School of Silicon Valley

Mountain View, CA

Oct 2021 – Dec 2023

- mentored 5 students
- Subjects: mathematics, German

### Internship

SAP

Walldorf, DE

May 2019

- SQL injection workshop
- Design thinking workshop

## University Projects

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### Rethinking urban living on Roetersstraat

Sep 2025 – Jan 2026

- Analyzed traffic patterns with sensor data
- Evaluated low traffic neighborhood sentiment through Natural Language Processing
- Simulated projected traffic flows and pedestrian safety metrics for proposed low-traffic neighborhood designs

### Creating a network of sustainable businesses in Amsterdam

Feb 2025 – Jun 2025

- Amsterdam Green Business Club (GBC) struggled with attracting new businesses
- Researched potential members' needs
- Based on these insights, built a new, visually appealing website

### Optimizing UvA AI: Guiding professors in selecting the right LLM

Sep 2024 – Nov 2024

- Evaluated energy consumption of different LLMs
- Assessed professors' AI requirements that meet course needs
- Created an evidence-based LLM selection infographic for professors, aligning model choice with course needs and sustainability goals

## Additional

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**Languages:** English, German

**Technical skills:** Python, SQL, TypeScript, data analysis, machine learning, project management

**Volunteering:** German Christmas Market in Mountain View, Study Association Bloom: Committee head & treasurer