

# Melker Widén

Lund, Sweden | [melker.widen@gmail.com](mailto:melker.widen@gmail.com) | 072-265 32 23 | [www.mewi.dev](http://www.mewi.dev) | [linkedin.com/in/memagu](https://linkedin.com/in/memagu)  
[github.com/memagu](https://github.com/memagu)

## Me

---

Self-taught developer with a strong passion for computer science, physics, and mathematics. Highly proficient in Python, Scala and Java, with experience in languages such as Rust, C/C++, and C#. Skilled in data structures & algorithms (LeetCode and Kattis), networking, graphics, physics simulation, and cybersecurity (Capture The Flag challenges), among other areas. Recently worked as a First Line Support Agent at Onitio Sverige AB, honing problem-solving and customer service skills under pressure. Eager to leverage a diverse skillset in a software engineering role, fueled by a long-standing passion for the field.

## Education

---

**Lunds Tekniska Högskola (LTH), Lund University**, Civilingenjör (Master of Science in Engineering) in Computer Engineering in Computer Engineering Aug 2024 – May 2029

- Currently pursuing an integrated Bachelor's and Master's program in Computer Engineering, leading to a Civilingenjör (Master of Science in Engineering)

**Anna Whitlocks gymnasium**, High School Diploma in Natural Sciences - Life Science profile Aug 2021 – May 2023

- Grades: 21.56/22.5 merit points.
- Awarded a prestigious stipend, recognizing the top 3 of over 700 graduates for exceptional analytical abilities, teamwork, and other key strengths.
- Selected participant at Molecular Frontiers symposium: A Nano Focus on Quantum Material, November 2022.

## Experience

---

**1st Line Support Agent**, Onitio Sverige AB – Stockholm, Sweden Jan 2024 – Aug 2024

- Demonstrated clear and efficient communication under time-sensitive and high-pressure environments, resolving complex technical issues while improving customer satisfaction and self-sufficiency.
- Collaborated closely with the team to tackle complex issues, while also independently managing phone support during on-call shifts, making critical decisions to ensure smooth operations and maintain service quality.
- Developed tools and scripts, reducing manual tasks and improving service efficiency.

**Mentor / Study Coach**, Studybuddy AB – Stockholm, Sweden Oct 2022 – Aug 2023

- Delivered personalized on-site tutoring in natural sciences and Python, boosting students' confidence, problem-solving skills, and grades.

## Projects

---

**njord** [github.com/memagu/njord](https://github.com/memagu/njord)

- Developed a native app to assist on-call support call logging and work time registration, significantly reducing effort and time for Onitio colleagues.
- Tools Used: Python, SQLite, PySide6
- Techniques Used: Hexagonal Architecture

## Technologies

---

**Languages:** Python, Scala, Java, Rust, C, C++, C#, HTML, CSS, JavaScript, TypeScript, Prolog, SQL, R

**Development Tools & Frameworks:** Git, GitHub, Docker, Kubernetes, Flask, SvelteKit, Selenium, Tensorflow

## Languages

---

**Swedish:** Native

**English:** Fluent