

Tim Olsén

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Summary

Recently graduated with a Master's in Computer Science at KTH Royal Institute of Technology with a strong foundation in programming, AI, and software development. Experienced in teaching and mentoring, with a focus on Java, algorithms, and data structures. Passionate about applying my skills to real-world problems, and eager to learn more.

Work experience

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|---------------------|--|----------------------------|
| Jan 2024 - Jun 2024 | Master's Thesis Intern
<i>AI Sweden</i> | 📍 <i>Stockholm, Sweden</i> |
| | Collaborated with AI Sweden on my Master's Thesis where I developed a pipeline for creating and evaluating Swedish instruction datasets for Swedish Large Language Models. | |
| Jul 2021 - Jun 2023 | Teaching Assistant
<i>KTH Royal Institute of Technology</i> | 📍 <i>Stockholm, Sweden</i> |
| | Teaching Assistant for the introductory CS courses at the Computer Science chapter, including Java programming, algorithms & data structures and parallel programming in Go. Held 2 hour lectures every week and graded students' assignment. | |
| May 2021 - Jun 2024 | Instructor
<i>Hello World!</i> | 📍 <i>Stockholm, Sweden</i> |
| | Hello World! is an organization that arranges meetups and summer camps for young people where they learn programming and digital creation. I worked as an instructor and taught introductory principles within programming and digital creation. | |

Education

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|-------------|---|----------------------------|
| 2023 | Exchange Term
<i>University of Texas at Austin</i>
Computer Science | 📍 <i>Austin, TX, USA</i> |
| 2019 - 2024 | Master's Degree (Civilingenjör Datateknik)
<i>KTH Royal Institute of Technology</i> <ul style="list-style-type: none">• MSc Computer Science• BSc Computer Science & Engineering | 📍 <i>Stockholm, Sweden</i> |

Miscellaneous experience

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|-------------|--|----------------------------|
| 2019 - 2020 | Volunteer
<i>Mattecentrum</i> | 📍 <i>Stockholm, Sweden</i> |
| | Non-profit organization that helps high school students with math through the arrangement of "math cabins", where students can come and work and get help with math problems after school hours. | |

Skills

Programming Languages:

- Java
- C/C++
- Python
- C#

Tools/Skills:

- Git/GitHub
- Huggingface
- Docker
- React/Next.js
- PyTorch
- Linux