

# Måns Englund

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## Education

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### Lund University Faculty of Engineering

2020 - 2025

*M.Sc. Information- & Communication Technologies*

*Lund*

- **Relevant Courses:** Advanced Applied Machine Learning, Compilers, Web Development (React), Programming advanced course (Java), Concurrent Programming (Java), Database Technology (SQL), Object Oriented Modeling & Design

## Work Experience

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### Lund University

Sep 2024 – Okt 2024

*Teacher Assistant - Language Technology*

*Lund*

- Assisting with passing labs and reading reports
- Helping students understand the curriculum, solidifying my understanding at the same time

### AI Sweden

Juni 2024 – Aug 2024

*Intern Industrial Immersion Program*

*Gothenburg/ Madison, SD*

- Performed a security audit for Aixia and their Aiqu platform.
- Worked in an international team towards a company stakeholder.

### Ica Maxi Gothenburg

Sep 2018 – June 2020

*Supervisor Online Department*

*Gothenburg*

- Responsible for meeting delivery goals and keeping customer satisfaction high. Achieved through coordination of the team, setting routines and maintaining great customer contact.
- Restructured the routines which led to the number of deliveries increasing with over 100%.

## Projects

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### Portfolio Website | *React.js, Vite, Tailwind CSS*

- Portfolio website for displaying my projects. Combining knowledge gained from design and programming courses with new gained along the way.
- Applied responsive design in order to work on all screen sizes.

### High Noon Duel | *Java, Android SDK, Firebase*

- Dueling game with online component, utilising the phone's accelerometer as a shooting mechanism.

### Connect-4 Bot | *Python*

- Implemented an algorithm which recursively searches for the best possible move and plays it.

### Robot Localizer | *Python, PyTorch*

- A machine learning algorithm that predicts a robots location in a grid based on flawed sensor data and a hidden Markov model.

## Technical Skills

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**Languages:** Java, JavaScript, Python, SQL

**Technologies:** React.js, Angular, Android SDK, TensorFlow, PyTorch, Git, Jupyter, VS Code

**Concepts:** Artificial Intelligence, Machine Learning, Neural Networks, UX/UI, Responsive design, Rest APIs, Relational Databases, Concurrent Programming, Object oriented design patterns, SOLID-principles

## Acknowledgements

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**Mentor of the year** | *Welcoming Period, Student Guild*

2021