

# Sami Noroozi, Student Software Engineer

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## PROFILE

As a passionate Software Engineering student with a strong interest in AI and Machine Learning, I'm eager to apply my computer science education to contribute as an intern at your company. I'm dedicated, hardworking, and committed to becoming a valuable team member. To Learn more about my background please visit my website: [saminoroozi.com](https://saminoroozi.com)

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## EDUCATION

Aug 2021 — Present

### Master of Science in Computer Science and Engineering, Jönköping University

Jönköping

- I'm a third-year Computer Engineering student at Jönköping University. The program includes both software and hardware but with a main focus on AI, preparing me for roles like AI Engineer or Data Scientist. It emphasizes practical problem-solving, teamwork, and leadership. With a strong link to the Jönköping AI Lab, it offers a robust foundation in AI, meeting the industry's needs and enabling versatile career opportunities in IT.

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## SKILLS

- Hands-on experience with various programming languages, including C, C#, Haskell, VHDL, and Python, covering low-level programming and memory management as well as high-level object-oriented programming (OOP).
- A solid understanding of Computer Science basics, such as algorithm design, data structures, problem-solving, linear algebra, vector calculus, probability, and statistics, learned through my education and various projects.
- Experience with different machine learning frameworks and tools, including TensorFlow, PyTorch, Keras API, Vertex AI and Google Cloud, for creating neural network models.
- Hands-on experience with cloud orchestration tools, including Git, GitHub, and Docker, for automating continuous delivery and continuous deployment (CI/CD) and version control.
- Good at effectively articulating technical challenges and solutions, adept at handling ambiguous or undefined problems, fast learner, and skilled in abstract thinking.
- With a multicultural background and proficiency in multiple languages, including fluent English, fluent Swedish, Persian, and Dari.

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## PERSONAL PROJECTS:

### Online Event Scheduling:

- Developed an online event scheduling application during my web development course using React, Node.js, Express, and MongoDB, applying various design patterns like MERN and MVC.

### Embedded Systems Projects:

- successfully completed multiple embedded system projects during studies, involving data collection with various sensors and hardware and GPU programming.

### Neural Network and Deep Learning with TensorFlow and Keras API:

- Build a object detection model with 98% accuracy using Tensorflow and Keras API. The model is trained on COCO dataset and can detect many different objects.

*For more about my projects please visit: [saminoroozi.com](https://saminoroozi.com)*

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## EMPLOYMENT HISTORY

Jun 2021 — Present

**Magna International(Veoneer), Part-time Assembler**

Värgårda

- Acquiring hands-on experience with equipment and machinery, refining problem-solving and teamwork skills. Gained insights into various products utilized in automobiles, including those by Volvo, Mercedes-Benz, and others, understanding their functionality both in hardware and software aspects.

Jan 2020 — Nov 2024

**Team Member, Elon Sound & Vision**

Herrljunga

Assisted with customer service, merchandising and operation of the cash register. Enhanced my communication skills and learned effective store management.

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## REFERENCES

**Jani Urpilanien(Maintenance Manager at Magna)**  
**from Magna International**

+46 733614764

**Ulf Johansson(Professor of Computer Science)**  
**from JU**

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