



SAMI NOROOZI

Student Software Engineer

DETAILS

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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.

EDUCATION

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

AUGUST 2021 – PRESENT

- I am currently enrolled in the Computer Engineering program(third year) at Jönköping University, specializing in Artificial Intelligence (AI). This program has been an exciting and enriching journey, equipping me with expertise in modern software development and AI, preparing me for high-demand roles such as AI Engineers and Data Scientists. As a student, I am not only refining my engineering skills but also actively developing problem-solving abilities, fostering collaboration, and honing leadership qualities. The program's dedicated focus on AI not only ensures my competitiveness in the IT industry but also aligns with the growing demand for AI professionals. The curriculum, emphasizing theoretical depth, problem-solving, and a strong connection to Jönköping AI Lab, creates a dynamic learning environment that opens up diverse career paths, from IT consulting to entrepreneurship.

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.

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.
- Utilized GitHub for version control, enhancing software development and teamwork skills.
- Please visit the link: <https://github.com/ErkWWW2/OES>

Embedded Systems Projects:

- successfully completed multiple embedded system projects during studies, involving data collection with various sensors and hardware and GPU programming.
- Please visit the link: <https://github.com/potatohunter69/Mikrodatorteknik>

Neural Network and Deep Learning with TensorFlow and Keras API:

- The primary purpose of this project was to facilitate learning and build neural network models. This project serves as a valuable opportunity to explore and experiment with various machine learning tools and frameworks. It encourages hands-on experience with state-of-the-art technologies in the field of artificial intelligence and machine learning.
- Please visit the link: <https://github.com/potatohunter69/MLYModels>

EMPLOYMENT HISTORY

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

JUNE 2021 – PRESENT

- 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.

REFERENCES

Jani Urpilanien(Maintenance Manager at Magna) from Magna International

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Ulf Johansson(Professor of Computer Science) from JU

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