Lauk Rashed

Software- and Electronic engineer

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Tools & Competence

C++ - Camera algorithm integration for Android chipsets, Image signal processing

Python - Automation, Scripting, REST, OpenAI

Container & CI/CD - Docker, Jenkins

Version Control - Github

Linux - Ubuntu, Bash

Project Methodology – Scrum, Jira, Kanban
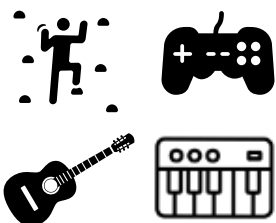
Languages

Swedish - Fluent

English- Fluent

Kurdish- Fluent

Other Merits

Event Coordinator
Electrical Engineering Student Society
Jan 2018 - Jan 2019

Driving license B

Hobbies

Experience

Software Engineer	Vidhance IMINT, Uppsala │ Apr 2023 - Ongoing

- Part of a team responsible for maintaining and building video stabilization algorithms and integrating them into various Android chipsets for smartphones.
- Active in several smartphone projects for e.g. Motorola & ASUS, focusing on product integration and solving any challenges to meet the customer needs.
- Leading the development of an LLM-based support chatbot in collaboration with students. Conducting customer visits in China and the USA to integrate our algorithms to their codebases. Additionally, mentoring new employees in the team.

Acoustician	Sweco, Stockholm │ Jan 2022 - Mar 2023

- Work mainly with mathematical modeling of sound propagation in rooms, traffic & industries.
- Involved in a project in South Africa where we measured and created a modeling of a mining industry on site.
- Master Thesis: Sound propagation modeling in Matlab from vehicles in urban environments between the period January - May

Shop assistant	Dedicated, Uppsala │ May 2018 - Aug 2019

- Extra work alongside university studies as a shop assistant for the clothing brand Dedicated.
- Sales and service oriented.

Education

MEng Electronics, Sound & Vibrations	Chalmers │ Sep 2020 - Jun 2022

- Digital signal processing within Audio applications, Active noise control, Elektro acoustics, Room acoustics, Statistisk. Focus on electronics and programming within audio DSP.

BEng, Electronics	Uppsala University │ Sep 2017 - Jun 2020

- Digital electronics, Analog electronics, Signal & Systems, Control systems, Programming, PCB-design
- Degree project at a MedTech company, Biotage where I designed a wireless module, main focus in PCB-design and wireless communication