

ANON SENPAI

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CORE SKILLS

Programming: Java, C/C++, Python, R lang, SQL, Matlab, Git, keras, sklearn
Technologies: Linux, Jenkins, Docker, AWS, Jira

PROFESSIONAL EXPERIENCE

Linköping University Linköping
Associate Professor (universitetslektor) 2023 - 2024
Blekinge Institute of Technology Karlskrona
Lecturer (universitetsadjunkt) 2021 - 2022
Blekinge Institute of Technology Karlskrona
PhD researcher 2018 - 2021

- Mathematical research concerning graded rings with connections to quantum physics and Leavitt path algebras. Research led to 6 published papers in internationally recognized high-impact journals.
- Presented my research at international conferences at NTNU, Trondheim, and University of Copenhagen

Wematter AB Linköping
Software Developer (R&D) 2016 - 2018

- Lead research and development of the cloud software stack for an in-house developerd SLS (Selective Laser Sintering) 3D-printer. Coordinated and supervised two full-time external software develop consultants. Responsible for designing the cloud microservice architecture. Created novel algorithms for laser beam path generation, resulting in a patent.
- Lead an AI-research project in mathematical optimization resulting in a highly competitive software product for automatically creating 3D-printer batch jobs and printer schedules. Utilized AI algorithms like genetic programming and convolutional neural networks to reduce waste and customers' wait time.
- Fullstack development in C++, Python, AWS, SQL, Docker, Git.

Scania CV AB Södertälje
Software Developer (Intern) 2013 - 2013

- Developed software tools used to configure the vehicle's instrument cluster
- Java, Python, XML, GUI-programming and UX-design

Riksteatern Norsborg
Software Developer (Intern Team Leader) 2010 - 2011

- Fullstack development in HTML, CSS, PHP, MySQL, Linux
- Lead a team of 8 students and was responsible for choosing technical solutions

EDUCATION

Blekinge Institute of Technology, Karlskrona Karlskrona
PhD Mathematics 2018 - 2021
Stockholm University Stockholm
M. Sc. Mathematics 2014 - 2016

AWARDS

Mittag-Leffler's prize for excellent master thesis 2017

**Patent: METHOD FOR CALCULATING A PATH IN ADDITIVE MANUFACTURING
(20190009475)** 2018