

Alexander Eklund

Master's Programme in Computer Science, Spec. Interactive Systems



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Software Developer motivated by innovation and blending broad technical knowledge. Driven by creative problem-solving and a collaborative approach, with hands-on experience gained while being a part time consultant during my studies, and specialized tech knowledge gained from studying in Seoul National University of Science and Technology in South Korea.

Software

Programming languages

Typescript, Java/Kotlin, Python, C#, Elixir, Rust

Databases

MySQL, PostgreSQL, MongoDB

API

REST, GraphQL, gRPC

Other: Docker, Jenkins, UE5, Ansible, AWS, Microsoft Office

Courses

- Machine Learning and pattern recognition
- Neural networks and learning machines
- Algorithms and data structures
- Real-time graphics and computational geometry
- Real-Time Systems
- Mobile and distributed computing systems

Tools

- CMS (Git) - Bitbucket, Github, Gitlab
- Software development - JIRA, Confluence
- Linux, Neovim, Tmux

Languages

Swedish - Native speaker

English - Professional proficiency (C2)

Spanish - Native / Mother Language

EDUCATION

2019 ~ 2024

Luleå University of Technology, Sweden

- Degree of Master of Science in Engineering, Computer Science and Engineering
- Overall GPA 4.5 / 5.0 Swedish (3.9/4.0 American)
- 2 Recommendations from professors

2022 ~ 2023

Seoul National University of Science and Technology, Republic of Korea

- Courses focused on programming and computer science
(Programming Languages, Intelligent Vehicles, Mobile Programming, Professional Communications for Engineers II and Popular Culture in Korea)

2015 ~ 2018

Rudbeck Freedom of Choice High School in Stockholm, Sweden

- Technical programme, Spec. Information and media technology. Overall GPA 16.20 / 22.5

WORK & VOLUNTEER EXPERIENCE

2024 ~ now
(Part-time)

IAM Developer | Arctic Group, Stockholm, Sweden

- Designed and deployed Identity & Governance solutions for streamlined access controls and user provisioning for customers.

RSA Identity & Governance, RSA SecureID+

2024	Teacher assistant LTU, Luleå, Sweden <ul style="list-style-type: none"> Neural networks and learning machines 	Python, PyTorch, Tensorflow, LangChain Angular, Java (Springboot), JIRA, Confluence, Bitbucket, Nx, Material CDK, Storybook, TailwindCSS Wordpress, PHP, CSS, CPanel
2023 ~ 2024 (Part-time)	Software Developer Arctic Group, Luleå, Sweden <ul style="list-style-type: none"> Designed and developed Admin platform for gathering analytics and managing tickets for all company internal services Developed design system for use in all internal projects 	
2015 ~ 2017 (Summer)	Website developer Haga expo, Stockholm Sweden <ul style="list-style-type: none"> Developed Company websites for various customers using wordpress, configuring web portal and DNS. 	

VOLUNTEER

2020 ~ 2022	President of student premises Luleå University of Technology, Luleå, Sweden <ul style="list-style-type: none"> Board member of ESS. Creating events and activities for students of the university
2020 ~ 2021	Board member - Student Safety and Welfare Representative Computer Science division at Luleå University of Technology, Luleå, Sweden <ul style="list-style-type: none"> Made sure all premises relating to Computer Science were up to date and working.

Detail skills

Programming	Technologies used
<ul style="list-style-type: none"> Built an ecommerce website called Suncare, using React with material UI and typescript for the frontend. Supported with a WAMP stack backend, Full ACID transactions <ul style="list-style-type: none"> Received recommendation from the Professor for the project 	<ul style="list-style-type: none"> React (Typescript, Material UI, Redux) MySQL PHP - backend (requirement)
<ul style="list-style-type: none"> Built a mobile application called Binhunters using Android Studio and Kotlin. 	<ul style="list-style-type: none"> Android studio Kotlin Jetpack Compose
<ul style="list-style-type: none"> Built admin application called ADAPP for IT department for simplified workflow of internal applications <ul style="list-style-type: none"> Multiple applications connected, and managed through one app Server monitoring, Database management, Automated logging 	<ul style="list-style-type: none"> Angular (16 & 17 signals) Material UI Cypress Jenkins

Certifications & Hobbies

Certifications	Hobbies
<ul style="list-style-type: none"> 1st place in Capgemini's React hackathon 2021 <ul style="list-style-type: none"> Coding competition against 6 other teams RSA Governance & Lifecycle Certified Implementer Udemy courses completed: <ul style="list-style-type: none"> Go: The complete Developer's Guide Rust Programming Course: From Beginner to Expert C++ Tutorial for Complete Beginners Design patterns in Modern C++ Angular - The complete guide 	<ul style="list-style-type: none"> Reading <ul style="list-style-type: none"> Personal development Classical books General software theory (Design patterns, Architectures etc.) Running Game jamming and Hackathons