

EDUCATION

University of Mid Sweden	- Computer Science - Software Engineering -	September 2024 – June 2026
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SKILLS AND TECHNOLOGIES

Programming:	Javascript (React, NextJS, React Native, Node), Python (Django, FastApi), C# (.Net Core), Java, C, C++, HTML, CSS.
Databases:	MySQL, PostgreSQL, MongoDB.
Tools:	Git, Github, Github Actions, CMake.

PROJECTS

Rookie Engine (C++, Cmake) - Implemented core chess engine architecture using bitboards for fast and memory-efficient game-state/position representation. - Implemented a complete bitboard-based move generation system, including legality checks and move ordering. - Developed modular evaluation and search logic algorithms, including alpha/beta, static evaluation, move scoring and iterative search components. - Designed a modular C++ engine architecture with CMake-based cross-platform build support. - Added unit tests, perft validation, debugging utilities, and profiling tools to ensure correctness and performance.
Rookie Backend (NodeJS, Express) - Developed REST APIs for engine communication, including move evaluation, game state retrieval, and engine command handling. - Designed a clean controller/service architecture for stable and low-latency interaction between frontend and engine.
Rookie Frontend (ReactJS) - Built a responsive UI for visualizing board states, engine output, and move suggestions. - Implemented modular components (board, clock, settings panel, terminal, overlays) and custom hooks for engine communication and UI state management. - Ensured real-time updates and smooth user experience through a well-structured React architecture.

EXPERIENCE

Eliganten Mora Department Manager Operations	Aug 2020 – Aug 2021 && Aug 2023 - May 2024 Dalarna, Mora
- Led and coached a team in daily operational tasks, focusing on efficiency and high service quality. - Managed warehouse workflows including receiving, inventory control, and process optimization. - Coordinated logistics, scheduling, and operational routines to maintain smooth department performance. - Implemented workflow improvements and reported KPIs to senior management.	
FR bygg og montasje Glazier	Aug 2021 – May 2023 Norway, Oslo
- Performed precise measurements and adjustments for glass installations in residential and commercial projects. - Installed glass panels, frames, and fittings with strong attention to safety and craftsmanship. - Solved on-site technical challenges and adapted solutions to customer requirements. - Worked independently and collaboratively in projects requiring high accuracy.	
Martin & Servera Production Administrator	Jan 2018 – Jun 2020 Västerbotten, Umeå
- Planned and coordinated production workflows to ensure timely and accurate deliveries. - Managed documentation, reporting, and quality control in daily operations. - Collaborated with production and logistics teams to optimize processes. - Monitored order handling and ensured deadlines and volume requirements were met.	

PERSONAL INTERESTS

Powerlifting and ultra endurance training, outdoor hiking, acoustic guitar, game development, homebrewing, food & beverages.
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