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LUDVIG DAMBERG

ABOUT ME

I'm a student in computer science with a passion for software development. My main focus is web/app development, data structures, and visualization across various languages and frameworks. I'm dedicated to continuous improvement and take on part-time projects to further my skills in my spare time.

EDUCATION

COMPUTER SCIENCE

Bachelor in media technology, master's in computer science
Linköping University | 2019 - 2024

EXPERIENCE

SUMMER INTERNSHIP

Cpac Systems AB, Summer 2023

Used Angular, TypeScript, Python to develop a demo application based on one of their products that measure productivity on various types of work sites.

FULLSTACK DEVELOPER

We Know It, 2023/03 - (current)

Part-time consultant work, focused on web/app development using React, NextJs, firebase, MongoDB among other tools.

LITHEHACK PROGRAMMING TUTOR

Linköping University, 2023/2024

Holding programming workshops for students as a service offered by the university. We help them with labs or personal project, we also offer lectures on relevant topics like Git.

PROJECTS

ECOMMERCE WEBSITE (NEXTJS, SANITY, STRIPE)

- Fullstack Ecommerce website developed with NextJs.
- Database set up with Sanity.io, easy to use for clients.
- Payment logics integrated with Stripe

DRINK REVIEW BLOG (MONGODB, EXPRESS, REACT, NODE)

- Fullstack blog website developed with MERN stack.
- Database set up with MongoDB
- created for a project course in advanced web programming (TDDD27)

TETRIS AI SOLVER (JAVASCRIPT)

- Using heuristics to determine the best position for the next piece
- Created a recursive funciton testing the next piece for every position of the current to find the best heuristic value, based on a few relevant measurements.

LANGUAGES & TECHNOLOGIES

C++, Java, JavaScript, Python, TypeScript, React, NextJs, Angular, MongoDB, Firebase, Sanity.io
Adobe Suite, Blender, Unreal Engine, MATLAB