

Hugo Persson

MSc Computer Science and Engineering Student

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🌐 Hugo-Persson

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Education

Lunds tekniska högskola

Master of Science in Computer Science and Engineering

2021 - 2026

University of British Columbia

Exchange Semester in Computer Science and Engineering

Fall 2024

Experience

App Developer

Combain Mobile

Jan 2024 - Present

- Maintained Combain's mobile apps across various programming languages, quickly adapting to different project structures. Technologies used include Jetpack Compose, Flutter, SwiftUI, and Objective-C.
- Developed a local-first version of Combain's positioning solutions for Android and iOS, employing ANN models with ONNX Runtime for on-device positioning using Wi-Fi, Bluetooth, and GPS.

Self-employed

Evercode AB

Aug 2022 - Present

- Founded and operated an IT consulting business, gaining valuable insights into business management, including employee costs, taxation, and regulations.
- Secured and managed multiple consulting contracts, handling negotiations and preparing price quotes.

Fullstack Developer

Recruto

Sep 2020 - Jan 2024

- Maintained Recruto's web app using PHP, TypeScript, Node.js, MySQL, and Rust.
- Enhanced system stability with on-premise Grafana, Loki, Prometheus, and Sentry.
- Achieved 77x faster bulk email send-outs by implementing a RabbitMQ queue system.
- Built a scalable notification system (Email, SMS, Web Push, mobile push) using Rust.
- Developed and maintained the Recruto mobile app for iOS and Android in C# (Xamarin Forms).

Teaching Assistant

LTH

Fall 2022 & 2023

- Introductory Course in Programming
- Secondary Course in Programming

Event Coordinator

Arkad

Fall 2023

- Assisted in organizing the Arkad career fair, coordinating logistics and company engagement.
- Managed communications with companies, coordinated food deliveries, and led a team of volunteers.

Projects

Obsidian LaTeX OCR Plugin

github.com/Hugo-Persson/obsidian-ocrlatex

- More than 4300 downloads and 21 stars on GitHub
- Built with TypeScript for the Obsidian Markdown editor
- Converts images of math formulas into LaTeX format

DNS CLI Tool

github.com/Hugo-Persson/godaddy-cli-tools

- Developed in Rust to manage DNS subdomains via CLI
- Automatically updates DNS records when public IP changes
- Supports subdomain registration and deletion from the CLI

Skills

2025-12-28

Programming Languages	TypeScript, Rust, Java, C, C++, C#, PHP, Scala, Swift, Kotlin, Python, Dart, Lua, HTML/CSS
Technologies	Docker, Git, Linux, NGINX, Traefik, RabbitMQ, Grafana, Loki, Prometheus, GitHub Actions, MQTT
Frameworks	Next.js, Flutter, Express, Nest.js, SvelteKit, SwiftUI, React Native, Jetpack Compose
Currently Learning	IoT, Embedded Programming
Languages	
Interests	
Languages	Swedish (Native), English (Fluent)
Interests	Traveling, Fitness, Running, Nature, Cooking, Home Automation