

# HUGO PERSSON

## MSc Computer Science and Engineering Student

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📍 Lund - Sweden

📄 github.com/Hugo-Persson

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## 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 of 2022 & 2023

- Introductory Course in Programming
- Secondary Course in Programming

### Event Coordinator

#### Arkad

📅 Fall of 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.

## EDUCATION

### Master of Science

#### Computer Science and Engineering

##### Lunds tekniska högskola

📅 2021 – 2026

### Exchange Semester

#### Computer Science and Engineering

##### University of British Columbia

📅 Fall 2024

## SKILLS AND INTEREST

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

## LANGUAGES

- English - Fluent
- Swedish - Native

## 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.