Henry Eklind

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· Developer skills

I write safe code in any language, and I prefer the language most suited for each task. In my free time, I usually write code for fun, for example:

· co-authored a flac audio decoding library for the Go community,

· lots of 3D-visualization rendering programs of fractals,

· the backend infrastructure for a cloud-based, deep-learning powered, image analysis project.

· Work Experience

2020 — Swedish Armed Forces (Försvarsmakten)
Security engineer

I work with advanced cyber security operations related to red teaming, cryptography, programming, penetration-testing and computer forensics.

2016 — 2020 Tink AB
Reverse Engineer

I co-founded a reverse engineering specialist team. We reverse-engineered the most challenging bank applications, wrote tools to make the process easier and educated other engineers on reverse engineering.

We created a tool that generates pseudocode of an arbitrary application's cryptographic flow by recording and analyzing the calls to cryptographic functions in runtime.

· Education

2013 — 2018   **KTH   The Royal Institute of Technology**
M.Sc. in Computer Science

A combined bachelor's and master's education in Computer Science with a specialization in machine learning and data science.

Spring 2018   **Tohoku University, Japan**
Kato-Nishiyama Laboratory - Research semester

I researched the viability and benefits of applying deep reinforcement learning in network control systems for more performant network routing.