

William Rågstad

Senior Systems Engineer / Software Developer / IT-Security Specialist



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Contact me

Reach out to me on

Phone [+46 70-667 97 06](tel:+46706679706)

Email william.ragstad@gmail.com

LinkedIn linkedin.com/in/william-ragstad

Website williamr.dev

Experienced **software engineer** with 15+ years in both academia, government and private sectors, specializing in **systems programming**, **compilers** and **cybersecurity**, delivering innovative solutions by bridging theory with practice. Strong foundation in **computer science** and **engineering** with a proven track record of **creative problem-solving**.

Experience

IT-Specialist

Swedish Defence Agency

2022 - present

Working as an IT specialist and analyst at The Department for Internet Operations of a Swedish cyber defense government agency and expert authority under the **Swedish Ministry of Defence**.

Software Consultant

Willsoft

2021

I started my own consulting company, **Willsoft**, providing varying IT and software development services to small and medium-sized businesses.

Software Developer

Alex Therapeutics

2021 - 2022

Alex Therapeutics develops a digital KBT therapy platform for mental health. Working with full-stack (**React** and **Java Spring Boot**) and **built an internal CMS tool** simplifying in-app content updates and language translations.

Research Assistant

Royal Institute of Technology (KTH)

2020 - 2023

Part of the **Miking** research project **compiler-backend team** as an **undergraduate**. I added a new **backend** generating **JavaScript** code for **web** and **Node.js**.

Teaching Assistant

Royal Institute of Technology (KTH)

2019 - 2023

Working as a teaching assistant in: **Ethical Hacking**, **Programming Paradigms**, **Programming II**, **Network Programming**, **Operating Systems**, **Interaction Programming**, **Introduction to Java**,

Full-Stack

Connected Minds

2019

Full-Stack Consultant at **Connected Minds**, working on the official website using **React**, integrated with a **CMS** for easy updates. Experience with **UI/UX design** and **SEO optimization**.

Systems Engineer

Fairyscope

2017

Consultant at **Fairyscope**, a Swedish startup developing a mobile app and cloud service for easy information sharing at exhibitions and trade fairs. I built the **backend** and **API** for generating custom stylized QR codes.

Software Developer

Mjukvarufabriken

2016 - 2019

First programming job at **Mjukvarufabriken** as a Junior Developer. I worked on a mobile app in **C#** and **ASP.NET** for **HEAB** to make routine vehicle inspections easier. As well as other software systems engineering-related work.

Education

Bachelor of Science

Royal Institute of Technology (KTH)

2019 - 2024

Studying **Computer Science** and Engineering at the Department of the School of Electrical Engineering and Computer Science (EECS).

Part-time

Örebro University (ORU)

2017 - 2019

Studied on masters level in Computer Science at **Örebro University** in parallel with High School. Courses included: **Algorithms and Data Structures, Software Engineering, Operating Systems, Computer Networks,** and **Mathematics.**

Skills

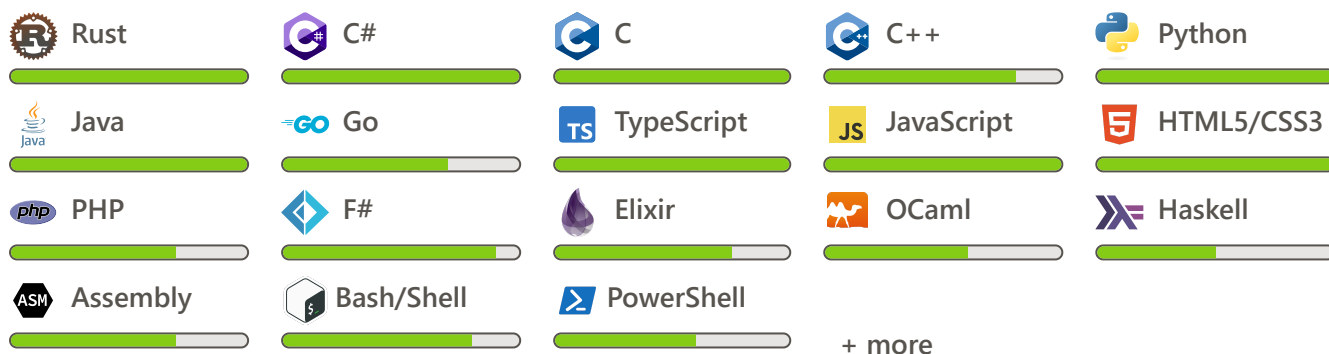
Natural Languages

SE Swedish

us English

+ 2 more

Programming Languages



Projects

I have created many projects, including **Programming Languages, Websites, Games, Tools & Libraries, Research,** and **much more.** View some of my featured projects and contributions below.



WebX

MINI

LANG

Quansy CMS

FONT
MANAGER

.(Regfuz]*



Check out **all of my projects** at github.com/WilliamRagstad and williamr.dev/projects.

View my full resume at: williamr.dev/resume.