William Rågstad

Senior Systems Engineer / Software Developer / IT-Security Specialist



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Contact me

Reach out to me on

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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**.

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

Worked as a Software Developer at Alex Therapeutics in the development of a digital KBT therapy platform for mental health. I worked with the main full-stack product (**React** frontend and **Java Spring Boot**) and **developed an internal CMS tool** aiming to simplify in-app content updates and connect language translations.

Research Assistant

Royal Institute of Technology (KTH)

2020 - 2023

Contributed to the Miking research project as part of the **core compiler backend team** led by **David Broman** as an **undergraduate student**. I developed the compiler to extend the application domain to include **web browser** and native JavaScript execution environments.

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,

Consulting Full-Stack Developer at Connected Minds a Swedish consulting company. I worked on the official website using React and Node.js and integrated a CMS for easy updates. Experience with UI/UX design, SEO optimization and Google Analytics.

2017 **Systems Engineer** Fairyscope

Consultant at Fairyscope, a Swedish startup that developed a mobile app and cloud service for sharing information at exhibitions and trade fairs. I developed backend systems and APIs for generating custom stylized QR codes and managing user data.

Software Developer

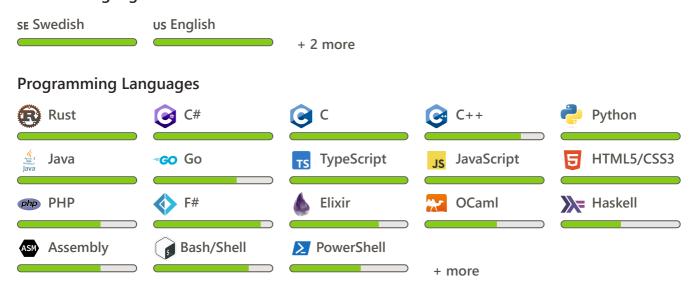
Mjukvarufabriken

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.

Skills

Natural 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.

























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

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