

SARA RYDELL

+46769158027 | sara.hanfuyu@gmail.com | [linkedin.com/in/sara-rydell-290428146/](https://www.linkedin.com/in/sara-rydell-290428146/) | github.com/sarafuyu/

EDUCATION

KTH Royal Institute of Technology

Bachelor of Science in Computer Science, Master of Science in Engineering

Stockholm, Sweden
Sep. 2021 – June 2026

- Member of Malvina's Business Events Group 2022/2023
Responsible for company contacts, event preparations and hosting of company events by the social network Malvina for female and non-binary students at KTH.

Anna Whitlocks gymnasium [High School]

Natural Science Program, Special variant in the Arts Design

Stockholm, Sweden
Aug. 2018 – June 2021

- **GPA: 3.92/4.0**
- Journalist and writer for the school's newspaper.

EXPERIENCE

My Academy

Study Coach

Stockholm, Sweden
April 2022 – Present

- Teaching two students in mathematics at the High School level.
- Have experience teaching students with special needs.

JobAgent AB

Board Member

Stockholm, Sweden (Remote)
Oct. 2020 – Present

- Was elected as part of the Board at JobAgent.
- Youngest to be part of a Company Board in Sweden at the time.

IT Architecture Consultant

July 2020 – Sep. 2020

- Explored the data provided by the ESCO dataset, including **3008** occupations and **13890** skills.
- Designed the outline for the **user interface** and **algorithms** for JobAgent's website.
- Focus on mapping data related to the skill sets required for specific jobs.

Epicenter

Sime Next Entrepreneur Camp

Stockholm, Sweden
June 2017 – June 2017

- Attended a 2-week long entrepreneurship camp and created a **business case** for a startup.
- Wrote a final report and did an **elevator pitch** in front of a jury and audience at Epicenter.

AWARDS & ACTIVITIES

Young Innovation in Times of Crisis [Award]

The Royal Swedish Academy of Engineering Sciences
Award within the global challenge **Combating Covid-19** by the New York Academy of Sciences.
Project **United in Crisis** was awarded **1st place** among all competing projects in Sweden. May 2020

Winner of The Intelligent Homes & Health Challenge [Award]

The New York Academy of Sciences
Team Lead of the winning group in this international innovation challenge with project **Health Sync**. Feb. 2020

Young Member of the New York Academy of Sciences

The New York Academy of Sciences
Admitted into the program "The Junior Academy" with an acceptance rate of **8%**. Sep. 2019

PROJECTS

United in Crisis | Combating Covid-19

- Developed and visualized an algorithm to match job seekers with job providers in the Covid-19 outbreak.

Health Sync | The Intelligent Homes & Health Challenge

- Designed a system that integrates technology and mechanisms in home design to promote health.

We Cycle | Sime Next Entrepreneur Camp

- Designed a waste recycling business based on demand.

SKILLS

Languages

Python, Java, C, HTML/CSS/JavaScript, Matlab, MIPS Assembly and Machine Language

Knowledge

Hardware Engineering, Algorithms and Data Structures, Database Technology

Skills

Programming, Problem Solving, Project Management, Innovation