Johan Vikström

Körsbärsvägen 4A
Stockholm, 114 23
+4673-844 68 97
johan.vikstrom7@gmail.com

EXPERIENCE

Google, Remote — *Software Engineering intern*

July 2020 - September 2020

I was working in the Youtube Data Engineering team. Specifically I was working on their viewcounting system which is responsible for counting the number of views on all youtube videos. Also worked on the accompanying debugging tool used to debug regressions in view counts.

Google, Munich — *Software Engineering intern*

June 2019 - August 2019

I was working inside the LLVM project on the Clang based Language Server for C++ Clangd. My main project was to use the AST provided by the Clang C++ compiler to generate semantic highlightings and sending those to the editor if the feature was enabled. Found and fixed a few bugs relating to the AST during this as well. Also fixed a few bugs in some clang-tidy checkers.

Also extended the Clangd vscode extension to add support for the feature as semantic highlighting is still in the proposal stage.

Ericsson, Stockholm — *Summer job*

June 2018 - August 2018

Doing performance tests between Java and Golang to serve as data for deciding if the team should start moving towards Golang.

Also created a tool for visualizing their roadmap in Jira. Using D3, webpack, typescript, Django to create a flowchart of their "roadmap" epics.

KTH - Royal institute of Technology — *Teaching assistant*

January 2018 - March 2018, Ongoing

I was a teaching assistant for SDA (Software development academy). It's a 6 month bootcamp hosted by KTH with the objective learning immigrants programming and that way help immigrants find jobs in the IT sector. During 2019 I was a teaching assistant for the multivariable calculus course as well.

SKILLS

C++

Java

Golang

Nodejs

Kubernetes

Other

Github
https://github.com/jvikstrom

Programmeringsolympiaden
The swedish championship in algorithms for up to 18 year olds. Got to the finals two consecutive years (2015, 2016). Part of the organizing team for 2019.

THS International reception 2019|2020 I was part of the project team responsible for organizing the whole reception for 400 students after new years and 2000 students in August.

THS International reception 2018 I was responsible for taking care of a group of 40 international students arriving in Sweden in August 2018.

Computer science work fair One of the hosts for the 2017 edition of it.

Clavister, Örnsköldsvik — *Summer job*

June 2017 - August 2017

Creating system tests for one of their firewall management systems, also doing a bit of backend work for said system using nodejs. Worked with their core team using agile methodologies.

Clavister, Örnsköldsvik — *Summer job*

June 2016 - August 2016

Creating system tests for one of their firewall management systems using nodejs. Worked with agile methodologies.

EDUCATION

UW, Seattle — *Computer Science exchange year*

September 2019 - June 2020

Exchange at University of Washington in Seattle 2019–2020 for my first year of masters. Doing a track on distributed systems.

KTH, Stockholm — *Computer Science*

August 2016 - June 2021

Currently on my fifth year in a 5-year integrated Master of Science in Engineering.

PROJECTS

THS INT sign up system— *Event management for KTH International reception*

As I was participating in the reception (2 each year, one with 2000 students, one with 400 students) we found the way we did sign up very lack-luster. So I started developing a website to do sign up at which has now gone through a number of iterations and currently it's being developed by a team of 5 Computer Science students (including me). It's mostly just a normal CRUD app using Golang, docker and React.

LANGUAGES

Swedish

English