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English	Native
Swedish	Native
Assyrian	Native
Spanish	B1

Kristi Francis

Software engineer, M.sc. in C.Sci student

About me

I'm a driven and energetic person with a passion for tech and learning. I've been programming since I was 9 years old and have worked with a lot of different personal projects throughout the years. I take pride in having a lot of interests and hobbies, including chess, cooking, baking, singing, and playing guitar. I'm also an avid traveller and I previously travelled solo for 6 months in South America, visiting 7 different countries, improving my social skills, and even learning conversational Spanish!

Relevant experience

Software Engineer

April 2023 - present

Tidings

- Full responsibility over tech, including leading a team of 5 people.
- Planning and evaluating sprints.
- Building microservices using Azure Functions and Azure Container Instances.
- Developing and publishing a mobile app using React Native with Expo.
- Reviewing code and handling pull requests with Github.
- Building content-based news recommendations using text embeddings.
- Setting up CI/CD workflows for Azure functions using Github Actions.

Software engineering intern

Oct 2022 - April 2023

Chip

- Contributing to the development of a web app using NextJS.
- Webscraping using Selenium.
- Building a Reddit bot that generated 100k+ unique visitors.
- Becoming more familiar with version control.

Owner

Jan 2021 - Sep 2022

Teknikfixaren i Stockholm

- Small company I started to get some experience running a company.
- Building websites using Wordpress and providing IT-support to individuals.

Store responsible

Jun 2018 - Jan 2021

Handshake Sweden AB

- Complete responsibility of the store including sales to individuals and companies, teaching new employees, and shelving and organizing products.

Education

Degree programme in Media Technology and Computer Science

Aug 2020 - present

KTH Royal Institute of Technology

Bachelor's thesis: *Object shape and depth perception in VR* (accepted to CHI 2024 as "Late-breaking work").

During my time at KTH, I've taken on opportunities to improve in various areas, including:

- Building a real-time sign language letter recognition model with machine learning.
- Serving as a course assistant in an introductory Python course, where I graded assignments and helped students.
- Managing inventory for Medias Klubbmästeri (MKM), purchasing new items, and assisting in organizing student events.

Natural Science programme

Aug 2013 - Jun 2016

Viktor Rydbergs Gymnasium Odenplan

Skills

Python



Lots of experience working with Python for different projects. Some examples include:

- *Fullstack application with Django.*
- *Backend application with Flask.*
- *Machine learning and data science utilizing Sklearn, Pandas, Numpy, and TensorFlow.*

Javascript



I've worked a lot with Javascript and different Javascript frameworks for my current position. My experience includes:

- *Backend application with NodeJS.*
- *Frontend application with React (specifically NextJS).*
- *Mobile app with React Native.*
- *Chrome extension using vanilla Javascript.*

Leadership



I've had the pleasure of leading a team of 5 people in my current position at Tidings. With little experience, I've learned the following:

- *Project management utilizing agile methodology, including planning sprints and evaluating during and after to improve our workflow.*
- *Mentoring interns, helping them when they get stuck and teaching them new skills to improve their contributions.*
- *Strategizing different solutions and approaches with regards to execution time and usage of resources.*
- *Taking responsibility and being accountable for problems that arise.*