Johanna Loepke

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WORK EXPERIENCE

ASICS Digital Aug. 2018 – Dec. 2018

Software Engineer / Product Manager Co-op

Boston, MA

- Developed and integrated custom SSO for Android Runkeeper v9.4 in Kotlin and Java
- Revised team's deploy process using bash scripts, Terraform, Grunt, Docker, and CircleCI
- Advocated for and executed on making our web app accessible

Microsoft May 2018 – July 2018

Software Engineer Intern

Redmond, WA

- Architected and coded the 'Read by Sentence' feature for Windows Narrator in C++
- Considered extensibility & edge cases when making design decisions & writing tests for a large legacy codebase

Intuit July 2017 – Dec. 2017

Software Engineer Co-op

San Diego, CA

- Implemented end-to-end Serverless answer generation Slackbot, built in AWS with Python Lambdas, which trains a machine-learning model projected to save the company \$2-3 million in contact costs
- Created website changes for TurboTax and QuickBooks using HTML, CSS, and JS/Angular

SKILLS

Languages: Proficient: Java, JavaScript, HTML, CSS, Dr. Racket (functional)

Intermediate: C++, Python B

Beginner: Go, Kotlin, ASM, Bash

Tools: AWS Lambda/API Gateway/DynamoDB, Git, Docker, IntelliJ, Postman, Maven, Firebase, Unity

Foreign Languages: Fluent: English & German, Intermediate: Spanish, Beginner: Japanese

PROJECTS

Personal Website: johannaloepke.github.io

Always In-Progress

BostonShelters In-Progress

Digitization of all Boston and Cambridge homeless shelter information, utilizing JS and Google Maps API

HACKMIT Virtual Reality Game

Sept. 2016

Google Cardboard VR simulation of the solar system built with Unity and C# scripts (Easter egg on Pluto)

EDUCATION

Northeastern University

B.S. in Computer Science and Cognitive Psychology

Expected: May 2020

Boston, MA

Honors: GPA 3.75/4.0, University Scholar, Dean's List, Early Research/Creative Endeavor Award **Extracurriculars:** Tutor for CS2510 (beginner Java), IDEA Venture Accelerator, Buddhist Group

INTERESTS

Scuba/free diving – Music production – Paragliding – D&D – Cooking – Tennis