

# Johanna Loepke

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## WORK EXPERIENCE

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### 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
- Rewrote team's deploy process using bash scripts, Terraform, Grunt, Docker, and CircleCI
- Advocated for and executed on making the OneASICS membership application 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

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

*Intermediate:* JQuery, C++, Python    *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

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**Personal Website:** johannaloepke.github.io

### BostonShelters

- Digitization of Boston and Cambridge homeless shelter information, replacing a massive PDF file data dump
- Utilizes JS, Firebase, and Google Maps API for quick criteria filtering and navigation

### HACKMIT Virtual Reality Game

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

## EDUCATION

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### Northeastern University

Expected: May 2020

*B.S. in Computer Science and Cognitive Psychology*

*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

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