Johanna Loepke

johanna.loepke@gmail.com – github.com/johannaloepke – linkedin.com/in/johannaloepke

WORK EXPERIENCE

ASICS Digital   Aug. 2018 – Dec. 2018
Software Engineer / Product Manager Co-op   Boston, MA
- Developed and integrated a custom Single Sign-On (JavaScript and Go) into Android Runkeeper v9.4 (Java and Kotlin), a fitness app with 50M+ users
- Rewrote team's deploy process, cutting code to production time in half, with bash scripts, Terraform, Grunt, Docker, and CircleCI
- Advocated for accessibility – created a JIRA Epic, gave a tech talk, and logged & fixed usability bugs

Microsoft   May 2018 – July 2018
Software Engineer Intern   Redmond, WA
- Architected and coded the 'Read by Sentence' feature for Narrator, Windows' default screen reader, in C++
- Considered extensibility & edge cases when making design decisions & writing tests for a large legacy codebase
- Shipped in Windows 10 build 18262 to 10M+ Insider users

Intuit   July 2017 – Dec. 2017
Software Engineer Co-op   San Diego, CA
- Designed and implemented answer generation Slackbot, utilizing AWS Python Lambdas and Serverless, which trains a machine-learning model projected to save the company $2-3 million in contact costs
- Built Firebase NPS score aggregator for my Scrum team which anonymized people's names with animals

EDUCATION

Northeastern University, Boston, MA   May 2020 (expected)
B.S. in Computer Science and Cognitive Psychology   GPA: 3.75/4.0

Awards: University Scholar, Dean's List, Early Research/Creative Endeavor Award, Jelly Incubation Fund Award
Relevant Courses: Object-Oriented Design, Human-Computer Interaction, Computer Systems
Extracurriculars: Tutor for CS2510 (beginner Java), IDEA Venture Accelerator, Puzzle Challenges

SKILLS

Languages: Java, JavaScript, HTML/CSS, Racket (functional), C++, Python

Technologies: AWS Lambda/API Gateway/DynamoDB, REST APIs, Postman, JUnit, IntelliJ, Unity, Sketch, Git

PROJECTS

Personal Website: johannaloepke.github.io

Solar System in Virtual Reality
- Google Cardboard VR space simulation built at HackMIT with Unity and C# scripts (Easter egg on Pluto)

BostonShelters
- Visualized Boston and Cambridge homeless shelter information, replacing a massive PDF file data dump
- Utilized JavaScript, Firebase database, and Google Maps API for quick criteria filtering and navigation