

Johanna Loepke

johanna.loepke@gmail.com – github.com/johannaloepke – linkedin.com/in/johannaloepke – (513) 633 9969

Education

Northeastern University, Boston, MA

B.S. in Computer Science and Cognitive Psychology

May 2020

GPA: 3.8/4.0

Awards: University Scholar (full-tuition, top 1%), Early Research/Creative Endeavor Award, Jelly Incubation Fund

Coursework: Human-Computer Interaction, Object-Oriented Design, Algorithms & Data, Computer Systems

Work Experience

Asics

Aug. 2018 – Dec. 2018

Software Engineer Co-op

Boston, MA

- Integrated custom Single Sign-On flows into all Asics websites & Runkeeper, a fitness app with 50M+ users
- Rewrote team's entire deploy process, cutting CI/CD pipeline time in half with Docker containers & Terraform
- Coordinated with 3rd party translation vendors to automate localization in 19 different languages
- Advocated for accessibility: created a JIRA Epic, logged & assigned bugs, and gave a company tech talk

Microsoft

May 2018 – July 2018

Software Engineer Intern

Redmond, WA

- Architected in C++ the highly requested 'Read by Sentence' feature for Narrator – a screen reader for blind and low vision users – allowing text navigation in more intuitive increments
- Available in the latest version of Windows, the world's most popular operating system with 87% market share

Intuit

July 2017 – Dec. 2017

Software Engineer Co-op

San Diego, CA

- Developed a Slackbot, using AWS Python Lambdas, to answer tax-related questions and train a machine-learning model projected to save the company \$2-3 million in contact costs
- Generated Firebase NPS score aggregator and tracker to improve feedback among Scrum team members

Skills

Languages: Java, Python, Type/JavaScript, Vue.js, HTML5, CSS3, C++

Technologies: AWS Lambda/API Gateway/DynamoDB, Docker, Firebase, PostgreSQL, Serverless, Sketch, Git

Projects

Personal Website: <http://johannaloepke.github.io>

Solar System in Virtual Reality: Built Google Cardboard VR space simulation at 24-hour hackathon (Unity, C#)

Instant Aux: Solves deciding on music for an entire friend group with adjustable Spotify recommendations (Vue.js)

Leadership

Alternative Spring Break Leader: Organized and led volunteer trip for sea turtle conservation in the Bahamas, making tough decisions under pressure when the group was impacted by a hurricane and a snow storm

Tutor for CS2510: Facilitated labs and office hours, communicating beginner Java concepts to students