

# Johanna Loepke

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## Education

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**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

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

## Work Experience

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**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 3<sup>rd</sup> 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
- Considered extensibility & corner cases when making design decisions & writing tests for large legacy codebase

**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 loop among Scrum team members

## Skills

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**Languages and Frameworks:** Java, Python, TypeScript, JavaScript, Vue.js, Node, HTML5, CSS3, C++

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

## Projects

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

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

**Instant Aux:** Deciding on music for a friend group made easier, with adjustable Spotify recommendations (Vue.js)

## Leadership

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**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