

# 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

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

## Work Experience

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**Certain Lending**

Full-Stack Software Engineer Co-op

**July 2019 – present**

San Francisco, CA

- Designed, coded, iterated on MVP with user feedback, and presented to the CEO – a wire tracking tool with matching algorithms for expected payments which utilizes Plaid integration to the company's bank account

**Asics**

Product Manager / Software Engineer Co-op

**Aug. 2018 – Dec. 2018**

Boston, MA

- Led product discovery on shoe sustainability with competitive analyses, stakeholder meetings, & survey insights
- Developed custom Single Sign-On flows into all Asics websites & Runkeeper, a fitness app with 50M+ users
- Advocated for accessibility by creating a JIRA Epic, logging & assigning bugs, and giving a company tech talk
- Coordinated with 3<sup>rd</sup> party translation vendors to automate localization in 19 different languages

**Microsoft**

Software Engineer Intern

**May 2018 – July 2018**

Redmond, WA

- Architected the highly requested 'Read by Sentence' feature, allowing text navigation in more intuitive increments, for Narrator – a screen reader for blind and low vision users (C++)
- Available in latest version of Windows, which has 78% market share in worldwide desktop operating systems

**Intuit**

Software Engineer Co-op

**July 2017 – Dec. 2017**

San Diego, CA

- Created 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 to track and improve feedback within Scrum team (still used today!)
- Conducted 'Follow Me Home' interviews with TurboTax and QuickBooks customers to determine pain points

## Skills

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

**Technologies:** AWS Lambda/API Gateway/DynamoDB, PostgreSQL, RESTful, Docker, Photoshop, Sketch, Git

## Projects

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

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

**HCI Team Project:** Wireframed, prototyped, & user tested Android app curating activities for Boston students

## 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