Johanna Loepke

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Education

Northeastern University, Boston, MA   **May 2020**
B.S. in Computer Science and Cognitive Psychology   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

Certain Lending   **July 2019 – present**
Full-Stack Software Engineer Co-op   San Francisco, CA
- Designed, coded, and presented to the CEO – a wire tracking tool with matching capabilities for expected payments through Plaid API integration to the business bank account
- Conducted company's largest round of user interviews by utilizing InVision mock-ups

Asics   **Aug. 2018 – Dec. 2018**
Product Manager / Software Engineer Co-op   Boston, MA
- Led product discovery on shoe sustainability with competitive analyses, stakeholder meetings, & survey insights
- Advocated for accessibility by creating a JIRA Epic, logging & assigning bugs, and giving a tech talk
- Coordinated with 3rd party translation vendors to automate localization in 19 different languages

Microsoft   **May 2018 – July 2018**
Software Engineer Intern   Redmond, WA
- Architected the highly requested 'Read by Sentence' feature 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   **July 2017 – Dec. 2017**
Software Engineer Co-op   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!)

Skills

Languages and Frameworks: Java, Python, Type/JavaScript, Vue.js, HTML5, CSS3, C++
Technologies: AWS Lambda/DynamoDB/S3, PostgreSQL, RESTful API, Docker, Photoshop, Sketch, Git

Projects

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

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