



Isabell Berzsenyi

Boston, MA

United States and European Union citizen

EDUCATION

Northeastern University

Khoury College of Computer Sciences

Candidate for Bachelor of Science in Computer Science, **GPA: 3.7/ 4.0**

Sept. 2017 – Present

Boston, MA

Expected May 2022

Relevant Courses: Object-Oriented Design, Algorithms and Data, Computer Systems, Theory of Computation, Logic and Computation, Fundamentals of Computer Science 1 and 2, Human Computer Interaction
Honors: Dean's List (2017- 20), William DiPietro Scholarship (2017-19), Grace Hopper Sponsored Attendee (2020)
Study abroad: American College of Thessaloniki (Spring 2018)
Activities: Peer2Peer Mentor, NU Women in Technology, Sigma Kappa Sorority, Webmaster

SKILLS

Languages: Java, Ruby, C++, JavaScript (Intermediate), Python, MySQL, HTML, CSS, Command Line
Frameworks: Ruby on Rails, Selenium, Jest, React, ActiveRecord, MVC, Bootstrap, Agile
Tools: Git, Microsoft Office Suite, SVN
Operating Systems: Mac OS X, Windows, Linux
Other: English (Native), Hungarian (Fluent), French (Intermediate)

WORK EXPERIENCE

Software Engineering Co-op

MyCase, Inc. (Formerly AppFolio, Inc.)

June – Dec., 2020

San Diego, CA

- Collaborate in new feature development for the Payments portal, including implementing new database schema changes through **ActiveRecord**, building new user interface components using **React** and **Typescript** and appropriate back end changes in **Ruby**
- Write appropriate unit tests in **Ruby** and **Jest**, and end-to-end **Selenium** tests
- Track customer issues and bugs with **Sentry**, for the Billing and Payments portal
- Contribute in bi-weekly grooming, retrospective, sprint planning meetings and in daily **Agile** sprint meetings

Software Engineering Co-op

Thermo Fisher Scientific

July – Dec., 2019

Franklin, MA

- Identified cybersecurity risks involving **FTP**, **Telnet**, and **SSH** and delivered new security features for gas analysis instruments
- Curated solutions to address customer issues on released instruments, tracked issues in **Jira**, and wrote solutions in **C++** and **C**
- Performed regression testing for instrument security using a recently released firmware

Investor Relations Intern

Luxfer Holdings

May – Sept., 2018

Milwaukee, WI

- Designed and launched a new website with new look and updated content (<https://www.luxfer.com/>)
- Proposed and implemented new architecture, organization, and design for the corporate website
- Led communication with international vendors and collaborated with business unit managers on ideas to execute design

PROJECTS

Spotify Suggestion Slackbot | [Link to Project](#)

Summer 2020

- Built an interactive chatbot that recommends songs from Spotify, written in **Python**, and deployed to Slack through **Heroku**
- Integrated and employed the **Spotify Developers API** to query random songs and to filter songs by genre and artist

ReactJS Personal Portfolio | [Link to Project](#)

Fall 2019

- Modernized personal web portfolio to create an elegant multi-page user interface while implementing **ReactJS**
- Utilized stateful components to simplify content and to reuse in multiple pages
- Employed open-source packages and modules through **Node Package Manager**

Shape Animator | [Link to Project](#)

Summer 2019

- Created a program in **Java** that renders animated shapes graphically based on the user defined text file
- Designed multiple implementations of the View to render the animation as a visual through **Swing Java** library, text description or SVG file