

Isabell Berzsenyi

Available: July – December 2020

Boston, MA | <https://isabellberzsenyi.herokuapp.com/>

EDUCATION

Northeastern University, Boston, MA

Sept. 2017 - Present

Khoury College of Computer Sciences

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

Expected Dec. 2021

Relevant Courses: Object-Oriented Design, Fundamentals of Computer Science 1 and 2, Logic and Computation, Discrete Structures, Embedded Design: Enabling Robotics, Human Computer Interaction, Algorithms and Data, Computer Systems

Honors: Dean's List (2017-2019), William DiPietro Scholarship (2017-2019)

Study abroad: American College of Thessaloniki (Spring 2018)

Activities: NU Women in Technology, Sigma Kappa Sorority, Webmaster

SKILLS

Programming Languages: C++, Java, C, JavaScript (Intermediate), SQL, HTML, CSS, Command Line

Frameworks: React, Bootstrap, Agile

Tools: Git, Microsoft Office Suite, SVN

Operating Systems: Windows, Linux

Other: English (Native), Hungarian (Fluent), French (Intermediate)

WORK EXPERIENCE

Software Engineering Co-op, Thermo Fisher Scientific, Franklin, MA

July – December 2019

- 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
- Participated and contributed in daily Agile sprint meetings and bi-weekly planning meetings

Investor Relations Intern, Luxfer Holdings, Milwaukee, WI

May – September 2018

- 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

ReactJS Personal Portfolio

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

Summer 2019

- Created a program in Java that renders animated shapes graphically based on the user defined text file
- Implemented the Model-View-Controller (MVC) architecture to represent the animation with shapes and motions of the shapes
- Designed multiple implementations of the View to render the animation as a visual through Swing Java library, text description or SVG file

HTML/CSS Resume Website

Fall 2019

- Built a visual representation of my resume, projects, and interests in a one-page HTML website
- Integrated personal knowledge of HTML, CSS with JavaScript and leveraged Bootstrap (Version 3.0) to make webpage responsive on various screen styles

INTERESTS

Hiking, Yoga, Traveling, Sustainability