

Isabell Berzsenyi

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EDUCATION

Northeastern University, Khoury College of Computer Science Bachelor of Science

Boston, MA

Expected Graduation: Dec 2021

- **Major:** Computer Science, GPA: 3.7
- **Relevant Courses:** Object-Oriented Design, Fundamentals of Computer Science 1 and 2, Logic and Computation, Discrete Structures, Embedded Design: Enabling Robotics
- **Awards:** Dean's List, 2017-2019, William DiPietro Scholarship 2017-2019
- **Study abroad:** American College of Thessaloniki 01/2018 – 04/2018
- **Student Leadership:** NU Women in Technology 09/2018 – Present; Sigma Kappa Sorority (Triangle Correspondent (01/2019 – 05/2019), Webmaster (12/2019 – Present))

PROFESSIONAL EXPERIENCE

THERMO FISHER SCIENTIFIC Software Engineering Co-op

Franklin, MA

07/2019 – 12/2019

- 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 with newly released firmware
- Participated and contributed in daily Agile sprint meetings, bi-weekly planning and retrospective meetings

LUXFER HOLDINGS, PLC. Investor Relations Intern

Milwaukee, WI

05/2018 – 09/2018

- Designed and launched new company [website](#) with new look and updated content
- Proposed and implemented new architecture, organization and design for corporate website
- Revised and developed written content to make information more readable and current
- Led communication with international vendors and collaborated with business unit managers on ideas to execute design

PROJECTS

ReactJS Personal Portfolio (Personal)

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 (Object-Oriented Design)

Summer 2019

- Created a program in Java, that renders animated shapes graphically based on a 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 (Personal)

Fall 2019

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

INTERESTS AND ADDITIONAL SKILLS

- **Programming Languages:** C++, Java, JavaScript (Intermediate), HTML, CSS, Command Line
- **Frameworks:** React, Bootstrap
- **Data Management:** SQL
- **Tools:** Git, Microsoft Office Suite, SVN
- **Methodologies:** Agile
- **Operating System:** Linux
- **Languages:** English (Native), Hungarian (Fluent), French (Intermediate)
- **Interests:** Hiking, Yoga, Traveling, Sustainability