Lisa Liu

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Education

State University of New York at New Paltz
B.S. Computer Science, *cum laude* — Aug 2016 – Dec 2019
Awards: 1st Place Computer Science Capstone Project, Dean's List

Ewha Women's University — Seoul, South Korea
State University of New York at New Paltz Study Abroad Program — Mar 2018 – Jun 2018

Technical Skills

Languages: Java, Python, C, C#, JavaScript, HTML, CSS
Other: Git, Beautiful Soup, ReactJS, NodeJS, Raspberry Pi, Photoshop, Sketch

Job Experience

Cornerstone Services, Inc. — New Paltz, NY
Software Engineer Intern — Sept 2019 – Dec 2019

- Developed a new system for a client to help update and centralize company software using Python, SQL, C#, and XAML
- Built an embedded time clock device that connects to a backend server and retrieves data for administrators to perform CRUD operations
- Created a PDF-export feature for the time clock device to calculate all employee's working hours in a summarized and user-friendly format

NYC Department of Youth and Community Development — New York, NY
Software Engineer Intern — Jul 2019 – Aug 2019

- Developed a responsive website for the department using JS, HTML, CSS, Sass, and ReactJS
- Implemented a feature to reduce load time of web pages by creating reactive and reusable components for quick and easy replacement of page elements in ReactJS
- Collaborated with the graphic design team to implement accessible website features for people with disabilities and to create a new framework for the internship program's website

Projects

Electronic Health Records (EHR) Software — New Paltz, NY
Aug 2019 – Dec 2019

- Lead developer for a team of 5 to create a scalable and secure EHR system using Python, MySQL, and ReactJS
- Developed a secure login to encrypt sensitive user data
- Understood team members' abilities and devised a clear workflow of tasks that suits each member's strengths and interests

Baymax Robot — New Paltz, NY
https://github.com/lisaisfabu/RoboPi — Jan 2019 – May 2019

- Lead developer for a team of 3 to build a facial-expression recognition robot using Python, Raspberry Pi, camera modules, and OpenCV
- Implemented a cascade classifier that processed user's facial expressions and enabled the robot to interact with the user based on their expressions as input

Leadership Experiences

Association for Computing Machinery (ACM) — New Paltz, NY
Founder and President — Oct 2017—Dec 2019

- Founded ACM chapter at my university, successfully grew organization by over 50 members
- Tutored students in Java and Assembly Language
- Planned and executed workshops, tech talks, mini-hackathons, and events for 50+ students
- Planned a Weekend of Code workshop for students, which featured workshops such as Intro to Web Development, How to Build an Android app, and Intro to Git