

# Lisa Liu

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## Education

State University of New York at New Paltz

GPA: 3.41

B.S. Computer Science, *cum laude*

Graduation: Dec 2019

1st Place Computer Science Capstone Project

Dean's List all Semesters

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## Technical Skills

- Java, Python, HTML, CSS, JS, C#, Git, C, Beautiful Soup, React, NodeJS
- Microsoft .NET Framework, Raspberry Pi, Photoshop, Sketch

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## Job Experience

**Cornerstone Services Inc.**

Sept 2019 – Dec 2019

Full Stack Developer Intern

- Embedded Systems software engineering with Python, MySQL, and Raspberry Pi to create a time clock that connects to a backend server and collects employee clock in times and status
- Created a time clock module and inventory module with C#, XAML, and MySQL for administrators to have access to pdf creation, adding new employees, adding inventory items and stock, updating the database if an employee forgot to clock out, and removing employees
- Built a PDF creator for the time clock module where it will pull data from the database and calculate all employee's time worked and a summary of all work hours for all employees

**NYC Department of Youth and Community Development**

Jul 2019 – Aug 2019

Web and Digital Media Intern

- Assisted with the development of responsive websites using HTML, CSS, SASS, JS and React and UI design tools and strategies
- Assembled a single page application using React to decrease load time of web pages
- Created reusable components in React for quick and easy replacement of web page elements

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## Notable Projects

**Electronic Health Records (EHR) Software**

Aug 2019 – Dec 2019

- Lead a team of 5 to create an EHR system that will incorporate the HIPAA-HITECH compliance for security using python, MySQL, and React
- Created the backend, learned to encrypt data securing private information, and created login system with React

**Baymax Robot**

Jan 2019 – May 2019

<https://github.com/lisaisfabu/RoboPi>

- Managed a team of 3 to build a robot using a Raspberry Pi with facial expression recognition
- Created a robot that will recognize smiles and frowns and will then greet the user and print out an image of a smile or a frown depending on the user's facial expression using the OpenCV library, Python, a Raspberry Pi, and a Pi Camera
- Constructed Haarcascades to be able to classify smiles and frowns using the OpenCV library

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## Leadership Experiences

**Association for Computing Machinery Student Chapter**

Oct 2017—Dec 2019

Founder and President

- Tutored members and students in programming and Assembly Language
- Planned and execute workshops, tech talks, mini-hackathons, and events for 30+ students
- Taught and planned a Weekend of Code workshop for students, which consisted of mini workshops that included Intro to Web Development, How to Build an Android app with MIT App Inventor, and Intro to GIT