

# Christine Lam

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## EDUCATION

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### Wellesley College

Computer Science & Biology

Relevant Courses:

- Data Structures
- Foundations of Computer Systems (Fall 2019)
- Combinatorics & Graph Theory (Fall 2019)

May 2022

**Technical Skills:** Intermediate – Java, Python, R, HTML, CSS, JavaScript; Beginner – Vim, Bootstrap 4, Git, Agile, Statistical Analysis, Node.js, MS Visual Studio, SQL, Terminal

## EXPERIENCE

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### Research Assistant @ Wellesley College

Student

Wellesley, MA

June 2019 - Present

- Academia research involving paper writing and investigating colonialism in videogames at the mechanical level in relation to game studies.

### Research Apprentice @ Wellesley College

Student

Wellesley, MA

January 2019 – May 2019

- Developed research skills under a professor of computer science.
- Interpreted and examined conference talks on online social media, primarily related to propagation of misinformation and the evaluation of the trustworthiness of information.
- Developed curriculum for Wellesley College's data structure class.

### Biochemistry Research Week @ Wellesley College

Student

Wellesley, MA

January 2019

- Characterized UncA as a potential new motor protein.
- Immersed into an intensive experience to develop laboratory skills in biochemistry: protein purification, expression, assays, and SDS-PAGE.
- Mentored by graduate students from Harvard Medical School.

### Robogals President @ Wellesley College

Wellesley, MA

Student Leader

August 2018 - Present

- Communicated with various offices to ensure smooth programming.
- Lead a group of volunteers to weekly workshops for elementary-aged girls to foster growth in women in STEM.

## PROJECTS

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### Planet Universe

Ongoing

Personal Project

- Procedural generated space game using Slick2D and Perlin noise in Java.

### Suitcase Packer

Final Project for Data Structure Class

April 2019 – May 2019

- Achieved a working Java program which allows a user to input location/date of travel to return a packing list.
- Executed the data parsing of real-world data and formatted the data

### Safety First

WHACK Hackathon: Code It Forward Social Impact Challenge Winner

November 2019

- Scraped police databases to utilize historical crime data to display a heatmap of criminal activity in Boston.
- Used a deep neural network to create a model for geospatial crime frequency dataset.