Christine Lam

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EDUCATION

Wellesley College *Expected Graduation: May 2022*
Computer Science & Biology
Relevant Courses:

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

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

EXPERIENCE

Research Assistant @ Wellesley College **Wellesley, MA**
Student *June 2019 - Present*

- Academia research involving publication writing and investigating colonialism in video games at the mechanical level in relation to game studies.
- Discovered [what I learned] by using [tools].

Research Apprentice @ Wellesley College **Wellesley, MA**
Student *January 2019 – May 2019*

- Interpreted and examined conference talks on online social media, primarily related to propagation of misinformation and the evaluation of the trustworthiness of information.
- Developed current curriculum (quizzes and tests) for Wellesley College's data structure class.

Biochemistry Research Week @ Wellesley College **Wellesley, MA**
Student *January 2019*

- Immersed into an intensive experience to develop laboratory skills in biochemistry: protein purification, expression, assays, and SDS-PAGE by characterizing UncA as a potential new motor protein.

Robogals President @ Wellesley College **Wellesley, MA**
Student Leader *August 2018 - Present*

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

PROJECTS

Planet Universe! *Ongoing*
Personal Project

- Procedurally generated space game using Slick2D and noise in Java.
- Developed an algorithm combining simplex and Perlin noise to create smooth nebulae transitions.

Suitcase Packer *April 2019 – May 2019*
Final Project for Data Structure Class

- Achieved a working Java program which allows a user to input location/date of travel to return a packing list.
- Implemented the data parsing of real-world data and formatted the data.
- Collaborated with a team to communicate ideas and design the product.

Safety First *November 2018*
WHACK Hackathon: Code It Forward Social Impact Challenge Winner

- 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.