Olivia Jiang

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EDUCATION

CORNELL UNIVERSITY   **Ithaca, NY**

B.S in Computer Science; minor in OR and Business: GPA 3.74 (Dean's List)   **Aug. 2022 - Dec. 2025 (Expected)**

PROFESSIONAL EXPERIENCE

FOODCLUB   **November 2023 - Present**

Frontend Developer Intern   *Remote*

- Contributed to the development of the startup's Android application using Kotlin, collaboratively working within a team framework and under MVVM architecture
- Actively utilized Git for version control and engaged in continuous integration practices to ensure synchronized workflow with the development team

CORNELL UNIVERSITY   **August 2023 - Present**

Undergraduate Researcher   *Ithaca, NY*

- Worked under Professor Henderson and Professor Nelson in the Human Waste Recycling ORIE research team
- Developed computer vision Python scripts, automating the detection of households, green spaces, and roadways of Kisumu, Kenya

ALTERNATIVE PERU   **June 2020 - Aug. 2020**

Website Developer   *La Molina District, Peru*

- Spearheaded the creation of Alternative Peru's Chinese web application by JavaScript, HTML5, and CSS
- Led and trained fellow students in design and web development languages

PROJECTS

OPTIMIZED MAP NAVIGATION   **May 2023 - May 2023**

- Engineered quickest-route-finding and coin-gathering algorithm implementing Dijkstra's Algorithm, DFS, and concurrency to pilot and optimize the search, gathering, and escape for randomly generated maps
- Ranked in the top 10% among peers based on algorithm performance score

ART-AR TRAVEL   **Jan. 2021 - Jan. 2021**

- Initiated and directed the creation of AR Travel, a web application that helps foster learning through seeing architecture and animals 3D with augmented reality
- Forged with HTML5, CSS, and JavaScript for an engaging and easily navigable user interface aimed toward children
- Won the Wolfram Award at TechTogether Seattle
- https://devpost.com/software/harmony-r5bm9e

SKILLS

- **Language:** Python (advanced), Java (intermediate), Kotlin, C#, OCaml, SQL, HTML5, CSS, JavaScript
- **Coursework:** Object Oriented Programming & Data Structures, Engineering Probability, Computing with Python, Optimization Mathematics, Web Applications, Data Structures & Functional Programming (in progress), Linear Programming (in progress)
- **Tools and Frameworks:** Bootstrap, Swift, ReactJS, IntelliJ, VS Code, AWS, Salesforce, MySQL, Design Stacks (Adobe Illustrator, Photoshop, Procreate), EchoAR, Unity, Jupyter Notebook, Excel, Word, Powerpoint