

**Vivian Li**  
vml39@cornell.edu  
(408)476-7782

## Education

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**Cornell University**, College of Arts and Sciences, Ithaca, NY expected May 2020  
Bachelor of Arts in Computer Science & French  
Cumulative GPA: 3.76

### Relevant Coursework:

- Object-Oriented Programming & Data Structures
- Computing Using Python
- Design and Programming for the Web
- iOS Development
- Computational Sustainability

## Experience

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**Cornell University Sustainable Design (CUSD)**, Cornell University September 2017-present  
*Currents CS Team Lead, Software Developer*

- Collaborated with the other subteams to create a final application that controls the HVAC systems of rooms and laboratories on campus for optimal energy usage
- Managed the Currents Computer Science team in the development of the iOS Application, prediction algorithm, and server
- Implemented the server through which all of the data used in the prediction algorithm is processed and then outputted to a microcontroller for the HVAC system, using Node.js
- Conceptualized, designed, and implemented a new centralized active member and alumni database for hundreds of present and past CUSD members to use, using Sketch, Node.js, HTML, and CSS
- Specialized in backend website development for the database and implemented features such as file uploads, data storage, and data retrieval using Google Firebase

**Canfield Lab**, Cornell University January 2018-present  
*Data Analyst, IT*

- Analyzed data for a child development study conducted in India researching the effects of child intake of iron and zinc biofortified pearl millet in their growth and immune functions
- Compiled incoming data from videos using Adobe Premiere and specialized in Boris (Behavioral Observation Research Interactive Software) in order to render the data usable for a team of scientists

**The Research Paper**, Cornell University August 2017-present  
*Lead Designer*

- Designed the entirety of the content for The Research Paper, the largest undergraduate research magazine at Cornell
- Organized the design team through team meetings and created centralized layouts for members to apply, using Adobe InDesign, Photoshop, and Illustrator

**Batt Lab**, Cornell University April 2017-September 2017  
*Researcher*

- Created PowerPoint presentations and took pictures using a Nikon D200 for a live Disney exhibition that taught children about the different applications of nanotechnology
- Developed and tested protocols for the identification of various fungal and bacterial samples shipped to the lab from domestic and international clients

## Skills and Interests

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<b>Programming</b>	Python, Java, PHP
<b>Web Development</b>	HTML, CSS, JavaScript, SQL
<b>Graphic Design</b>	Adobe InDesign, Adobe Photoshop, Adobe Illustrator
<b>Languages</b>	English, Chinese, French