Vivian Li

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Education

Cornell University, College of Arts and Sciences, Ithaca, NY   expected May 2020
Bachelor of Arts in Computer Science & French
Cumulative GPA: 3.84
Relevant Coursework:

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

Experience

GlaxoSmithKline, Philadelphia, PA   June 2018-August 2018
Software Development Intern, Platforms Team

- Developed and launched a survey bot for the Facebook WorkPlace app using the botkit framework, in Node.js and jQuery
- Executed the Continuous Integration – Continuous Delivery pipeline through setting up intermediaries such as GitHub Enterprise and enabling TLS for the server
- Conceptualized and created a Chrome extension as a dashboard for users to store their calendar events, tasks, notifications, etc. in one convenient location
- Performed user research across a company of over 100,000 employees

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

- Collaborated with the other teams to create an 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 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

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

Web Design & Programming TA, Cornell University   August 2018–present
Teaching Assistant

- Led a weekly lab for 20-30 students and taught them principles of web design using HTML, CSS, JavaScript, PHP
- Assisted students in understanding course material through office hours and online Piazza posts

Skills and Interests

Programming	Python, Java
Web Development	HTML, CSS, JavaScript, SQLite, MongoDB, PHP
Languages	English, Chinese, French