Shirley Chen

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EDUCATION

Cornell University, College of Engineering, Ithaca NY   **Expected: May 2021**
Bachelor of Science in Computer Science
Cumulative GPA: 3.46
Relevant Coursework: Intermediate Web Development, Intro to AI, Intro to Product Design, Intro to Python, Object-Oriented Programming, Functional Programming, Unix Tools and Scripting

SKILLS

Technical: Java, Python, PHP, SQL, C, ReactJS, OCaml, JavaScript, HTML,CSS
Software: Android Studio, Figma, WordPress, Adobe XD, Microsoft Office
Languages: Proficient in Cantonese, Mandarin, and English

RELEVANT EXPERIENCE

UniPantry | *Software Developer* | Cornell University   Sept 2019 - Present
- Develop the app idea through user and market research.
- Create MVPs and mockups of the app to gain user feedback.

SC Johnson College of Business | *IT Web Assistant* | Cornell University   Sept 2018 - Present
- Decreased employee resource wastage by 20% for the IT department by constructing over 10 scalable graphical reports based on pulled data from Workfront using Microsoft Excel.
- Migrated information from previous business websites to new layouts using WordPress.
- Currently fixing accessibility issues using Bugherd and Siteimprove.

AguaClara*, Cornell University*
Public Relations   Jan 2019 - Present
- Collaborated in teams of 3 on various tasks to help AguaClara expand internally and globally such as contacting collaborators and aid in participation of conferences.
- Maintained and updated the team website with new information to inform people about our team.
Plant Operations Smartphone Tracking   Jan 2018 – Dec 2018
- Updated the ODK server and enhanced the Collect app that 20 operators use to log data in Honduras.
- Communicated with the head engineer in Honduras to understand their needs.

Threefa |*Frontend Engineer Intern* | Tokyo, Japan   Summer 2018
- Conducted market research to design and create the frontend of a financial consulting startup's crowdfunding website with a potential of over 300 users a month using ReactJS.
- Frequently collected feedback from the founders to make changes and set new goals.

PROJECTS

Slack Case Study |*Author/Researcher* | Cornell University   Jan 2019 - May 2019
- Conducted a case study on the Slack app by identifying a people problem through user research
- Designed a solution using Figma to solve the problem recognized in the user interviews

Chinese Student Association Club (CSA) Website | *Software Developer* | Cornell University   Apr 2019
- Collaborated with 3 other students to design a website using PHP and SQL for CSA aimed to advertise and inform students about the club.
- Interviewed 10 CSA members to refine our website based on user feedback.

Jeopardy |*Software Developer* |Cornell University   Oct 2018 - Nov 2018
- Worked with others to build a dynamic console-based Jeopardy game using OCaml and json parsing.
- Obtained feedback from peers and added features such as single or multiplayer mode, displaying a dynamic board, and the ability to skip their turn.