

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: 3.45

Relevant Coursework: Intro to Analysis of Algorithms, Intermediate Web Development, Intro to AI, Intro to Product Design, Intro to Python, Object-Oriented Programming, Unix Tools and Scripting

SKILLS

Technical: React Native, Firebase, ReactJS, Java, JavaScript, Python, SQL, PHP, HTML, CSS

Software: Android Studio, Figma, Qlik, VSCode, WordPress, Adobe XD, Microsoft Office

Languages: Proficient in Cantonese, Mandarin, and English

RELEVANT EXPERIENCE

Erie Insurance | *Software Engineering Intern* | Erie Family Life Dept

June 2020 – Present

- Aid management team in gauging the performance of the company and new application by pulling event data from the SQL database and using Qlik to create different charts.

UniPantry | *Software Developer* | Cornell University

Sept 2019 - Present

- Build the MVP website using HTML, CSS, and JS
- Develop the UniPantry app using React Native and Firebase Cloud Storage with other developers and designers in an agile environment.

SC Johnson College of Business | *IT Web Assistant* | Cornell University

Sept 2018 – Dec 2019

- 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.
- Fixed accessibility issues using Bugherd and Siteimprove.

AguaClara, Cornell University

Public Relations

Jan 2019 – Dec 2019

- Maintained and updated the team website with new information to inform people about our team.
- Led and managed the press kit project which included recruiting, distributing tasks, and solving conflicts.

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.

PROJECTS

Number Game | *Designer/Developer*

May 2020

- Designed and developed a number guessing game using React Native and Figma

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.