

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: 3.43

Relevant Coursework: Intermediate Web Development, Intro to Artificial Intelligence, Intro to Product Design, Intro to Python, Object-Oriented Prog, Functional Programming, Unix Tools and Scripting

SKILLS

Technical: Python, PHP, SQL, Java, C, ReactJS, OCaml, JavaScript, HTML, CSS

Software: Figma, Wordpress, Adobe XD, Microsoft Word, Excel, PowerPoint and Visio

Languages: Proficient in Cantonese, Mandarin, and English

RELEVANT EXPERIENCE

SC Johnson College of Business, IT Web Assistant, Cornell University

Sept 2018 - Present

- Decrease resource wastage for the IT department by constructing over 10 scalable graphical reports based on pulled data using Microsoft Excel.
- Build the new business website using WordPress and fixing its accessibility issues through bugherds and siteimprove.

AguaClara, Cornell University

Public Relations

Jan 2019 - Present

- Collaborate in teams on various tasks to help AguaClara expand internally and globally such as contacting collaborators and aid in participation of conferences.
- Maintain and update the team website. Brainstorm how to improve and make it reusable.

Plant Operations Smartphone Tracking

Jan 2018 – Dec 2018

- Enhanced the capabilities of the ODK server and collect app that 20 operators use in Honduras
- Improved user experience by communicating with the head engineer in Honduras such as preloading login data.

Threefa, Engineering Intern, Tokyo, Japan

Summer 2018

- Designed and created the frontend for 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 Slack app by identifying a people problem through user research
- Brainstormed and designed a solution for the problem.

Chinese Student Association Club Website, Software Developer, Cornell University

Apr 2019

- Work with others to create a website for the Chinese Student Association club aimed to advertise and inform students about the club.

Jeopardy, Software Developer, Cornell University

Oct 2018 - Nov 2018

- Collaborate with others to build a dynamic console-based Jeopardy game using OCaml and json parsing.
- Obtained feedback from peers and added features such as one or two player mode, displaying a dynamic board, and abilities like skipping.

Rock, Paper, Scissors, Software Developer, Cornell University

March 2018

- Implemented a project using Python 3 to create a terminal rock papers scissors game with user input and assertions to deal with user-based errors.