

Sohwi Jung

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Skills

Software: HTML5 (expert), CSS3 (expert), Figma (proficient), JavaScript (proficient), Python (proficient), SQL (proficient), GitHub (proficient), PHP (intermediate), Bootstrap (intermediate), Firebase (intermediate), jQuery (intermediate), Swift (intermediate), Java (intermediate), React (prior experience)

Education

Cornell University, College of Engineering, Ithaca, NY; **Expected May 2022**

B.S. in Information Science, Systems, and Engineering; GPA: **3.58**; Dean's List, Fall 2019 & Fall 2020

Relevant Courses: Communication and Technology, Consequences in Computing, Data-driven Web Pages, Data Modeling, Discrete Structures, Human-Computer Interaction Design, iOS Development, Language and Information, Modern JavaScript - Udemy, Object-Oriented Programming, Optimization, Tools for Machine Learning and Data Science, Trends in Web Development, Web Programming

Work Experience

Trameter

June 2020 – August 2020

Software Engineering Intern

- **Increased search engine optimization** of company website by **increasing page loading speed by 10%**, implementing enhanced web functionality, conducting UX research, and improving DOM organization
- Led the development of **2 web applications** simultaneously from ideation to development, and launch
- Design, developed, and launched company website written in **HTML, CSS, and JavaScript**
- Pioneered **PHP web application** to encourage those bereaved by the pandemic

Hyatt Hotel Corporation

June 2019 – August 2019

IT Intern

- **Raised external survey response rate by 6%** by conducting market research and utilizing corporate data
- Enhanced flow of communication amongst employees using the engineering economic analysis procedure

Association of Cornell Computer Science Undergraduates

January 2020 – Present

Web Development Lead

- Led a **five-person team** to update website with **over 500+** visits per month, added functionalities like restricted access, worked with **JSON objects**, and embedded Google Calendar to display upcoming events

Cornell University Sustainable Design

January 2019 – Present

User Research Sub Team Lead

- **Reduced user error by 65%** by conducting user research on underutilized parking garages in Tompkins County and redesigning layout through emotional activity diagrams and customer affinity processes

Projects

#Productive App, Cornell University Hack Challenge

- Launched a **healthcare iOS app with 100+ downloads** to help users track their water intake, exercise level, and sleep duration and discover their moods through implementation of simple but effective algorithm

Blink, Cornell University

- Designed and programmed an online image gallery through the human-centered design process and implementation of efficient database administration