

Ashley Kang

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2020-2021 Rewriting the Code Fellow and Tapia/vGHC attendee seeking a software or security engineering internship

→ Education

California State University Fullerton — *Master of Science: Computer Science* Graduation: May 2022

- **Coursework:** Web Security, Network Security, Operating Systems, Data Structures, Algorithms Grad GPA: 3.5/4.0

New York University — *Bachelor of Arts: Individualized Major in Studio Art and Computer Science* 2016

→ Experience

Note: Summer 2020 Product Security Engineering internship at Cruise canceled due to COVID-19

Color Coded Collective — *Software Engineer* Los Angeles, CA | May 2016–Present

- Starting a collaboration with UCLA to implement a web archive of internet art using HTML, CSS, and React.js
- Implemented a website redesign with a cross-functional team and CLEAN Carwash LA's stakeholders, including an [About Us section](#) using **HTML** and **CSS**, to reach 20+ car washes, 5 foundation funders, and individual donors
- Began implementing a bilingual ["Recommend a Business" form](#) using UI/UX design, **React.js**, and **internationalization/i18n** for Locales, a web platform connecting consumers and 10+ local business partners

CSUF Extension and International Programs — *Web Developer* Fullerton, CA | October 2017–May 2020

- Updated CMS-based [websites](#) and [marketing and communications campaigns](#) for 30+ programs using **HTML**, **CSS**, award-winning brand design, and **accessibility/a11y** guidelines to reach 168K+ students for 3 years

Google Summer of Code — *Open Source Software Contributor* Remote | May–August 2019

- Implemented [p5.js Showcase](#) (a new section of the open source library documentation, 1 of 16 Processing Foundation project proposals, and 1st to implement an a11y audit) using **HTML**, **CSS**, and **Handlebars** templating and **i18n** with **Node.js**, **Grunt**, **YAML**, and **Assemble** to showcase 6 projects by 14 creators (60 in 2020)
- Released in February 2020 as a feature in [p5.js version 1.0](#), [Processing's blog](#), and [p5.js 1.0 Contributors Zine](#)

→ Projects

Security Toolbox December 2019–Present

- Supported manual secure code review of **Node.js/Express** web application student projects with **OWASP Top 10**
- Implemented networking concepts (port scanner, reverse proxy) and malware (worm) using **Python**
- Co-wrote and presented an [IoT security research paper](#) based on NIST, OWASP, and industry research

→ Skills

Languages: Python, HTML, CSS, JavaScript (Node.js, Express, Grunt, Handlebars, YAML, Assemble, React), C++

Technologies: A11y, i18n, CMS, git/GitHub, web APIs, Figma, Adobe CS, UI/UX design, macOS, Windows, Linux (Ubuntu, Parrot, Kali), Wireshark, Burp Suite, Nmap, VirtualBox, OSI and TCP/IP models, OWASP Top 10

→ Extracurriculars, Awards, and Professional Development

Rewriting the Code | WeAreHackerz | WiCyS | WSC | WISP — *Member* May 2019–Present

- Completed a WISP training on social engineering/OSINT and WeAreHackerz training on threat modeling
- **Women Unite Over CTF** (capture the flag network security competition), Top 35 November 2019

CSUF Offensive Security Society — *Member* January 2019–Present

- **Bugcrowd University @ CSUF CTF** (web security competition), Top 25 April 2019