Ashley Kang

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Seeking a software or security engineering internship to practice accessibility and security by design

→ 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
- 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
- Selected as a Rewriting the Code Fellow (2020-2021)
- **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