



JENNIFER LONG

Full-Stack Software Engineer

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EDUCATION

- ❖ **University of Virginia, Charlottesville, VA** *Graduation May 2021*
B.S. Computer Science, School of Engineering & Applied Science, GPA 3.78/4.00
Dean's List (*May 18 – present*)
Relevant Coursework: Algorithms, Comp. Arch., Defense Against the Dark Arts, OS (F19), Databases (F19)
- ❖ **Thomas Jefferson High School for Science and Technology, Alexandria, VA** *Graduated Jun 2017*
Chemistry & Computer Science Track, GPA 4.37/4.00
National Merit Finalist (*Jan 2017*), National AP Scholar (*Aug 2017*)
Relevant Coursework: APCS, Artificial Intelligence 1&2, Web Applications, AP Statistics

TECHNICAL SKILLS

Most Skilled In: Python, Ruby, Java, C++, JavaScript
Project Experience: AWS Lambda, Fastlane, ReactJS, Selenium, Spring Boot, Android Studio
Certifications: AWS Certified Solutions Architect—Associate

WORK EXPERIENCE

- ❖ **Capital One, Software Engineer Intern** *Jun 2019 – Aug 2019*
Supported the EASE mobile feature development team by 1) optimizing mobile application crash triaging through a team-specific crash notification system, backed by AWS Lambda and Slack & Jira API services, and 2) developing a Ruby Fastlane plugin to lint the GitHub CODEOWNERS file, expediting code reviews on pull requests.
- ❖ **University of Virginia, Undergraduate Research Assistant** *Sep 2018 – May 2019*
Built and refactored ReactJS codebases for the Center for Leadership Simulation and Gaming's global leadership and policy web simulations, used to train over 1000 Congressmen and policy students from over 150 universities.
- ❖ **Radiant Solutions (acquired by Maxar Technologies Inc.), Technical Intern** *May 2018 – Aug 2018*
Designed and prototyped a novel geo-temporal radar web visualization tool, using ReactJS, Deck.gl and Spring Boot REST services, for MTI radar data analysts to construct intelligence reports using proprietary government data sets.
- ❖ **Agileana, Growth Hacker, Web Developer, Business Analyst** *Aug 2017 – Nov 2017*
Created an automated website performance reporting system using Selenium WebDriver, web scraping, & data parsing.
- ❖ **InQbation Labs, Software Development Intern** *Jun 2016 – Aug 2016*
Developed a Django-based online community platform for special interest groups and niche industries.

LEADERSHIP & INVOLVEMENT

- ❖ **Sigma Psi Zeta at UVA, Asian Leaders Council Liaison** *Dec 2018 – present*
Engaged with the student community and faculty members to push for initiatives including the Asian-American studies major, student representation at the Dean level, and minority recreational spaces.
- ❖ **Taiwanese Student Association, Publicity Chair** *Apr 2018 – present*
Designed promotional materials for community outreach events, and ran publicity campaigns on social media.
- ❖ **Tomorrow's Women in Science and Technology (TWIST), President, Webmaster** *Sep 2014 – Jun 2017*
Headed event planning for Techstravaganza, a school-sponsored annual STEM activity fair for K-8 students.

