

# Janine Huang

SOFTWARE ENGINEER · FULL STACK DEVELOPER

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## Summary

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Software Engineer, Full Stack Developer, and Honors Computer Science student with 3+ years of experience. Engaged, creative third-year student eager to learn; Interested in creating interesting user-oriented solutions for real-world problems and learning new technologies.

Programming Languages: C++, Python, Java, Javascript, HTML, CSS, SQL  
Technology: Git, Unix, Flask, AWS, Virtual Reality, React, Machine Learning

## Work Experience

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### Rose Hack

Riverside, California

LEAD DEVELOPER, MARKETING COMMITTEE LEADER

July 2018 - Current

- Lead engineer on official event website that can save user entered applications and send live updates with React and Gatsby
- Interfaced with form submission and design software to expedite user data collection for over 270+ applications
- Trained 50+ undergraduates to be proficient with relevant web technologies

### University of California, Riverside

Riverside, California

UNDERGRADUATE RESEARCH ASSISTANT

October 2017 - July 2018

- Implemented file readers/writers for JSON inputs/outputs to match system architecture properties
- Refactor large components of code to adapt to new libraries and class structures
- Implemented a continuous status flag printing system to expedite debugging, testing, and readability

ASSISTANT INSTRUCTOR

June 2018 - July 2018

- Mentor and coach secondary school students in introductory Python and Android development
- Construct programming demonstrations to showcase basic console output, class structure, and functions
- 100+ deployable first-time programmer student projects

## Projects

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FIREWATCH | MAR. 2019

- Predictive analysis machine learning web application that highlights increased fire risk areas in California.
- Parses wildfire dates, locations, and types using Python scripts.

SERENITY | APR. 2019

- Dynamic virtual reality sandbox featuring real time environment change and interact-able objects with varied spawn rates.
- Created in Unity and C# for random object generation scripting. Tested with the HTC VIVE Virtual Reality System.

C++ TERMINAL | MAR. 2019

- Command shell from scratch in C++ to parse and execute basic commands.
- Supports piping, redirection, and precedence.

CITRUSTRACK | MAR. 2018

- Task management web application designed to track a user's tasks and efficiency using custom timers.
- 2nd place winner in the UI/UX category at a 350+ attendee hackathon.

## Academic Involvement

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### ACM@UCR

Riverside, California

PRESIDENT, SECRETARY

Mar. 2018 - PRESENT

- Reformed the society focusing on software engineering and building networks on and off campus by strengthening student and faculty bonds
- Optimized management to optimize drastic growth in member involvement following our annual 350+ attendee hackathon
- Mentored and trained the next generation of software engineering leaders in professional, academic, and technical development

## Education

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### University of California, Riverside

Riverside, California

B.S. IN COMPUTER SCIENCE

Sept. 2017 - Present

- Cumulative GPA: 3.32
- Dean's Honor List, 2 Years in University Honors