

# Ginny Huang

Mobile & web developer and problem solver with five years of experience.  
Relocating to Washington D.C Metropolitan Area and seeking Software Engineering positions.

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## Education

Jan 2017 -- Aug 2019	<b>University of Southern California</b> Master of Science, Computer Science	<i>Distance Education</i>
Sep 2010 -- May 2014	<b>Washington and Lee University</b> Bachelor of Science, Computer Science & Mathematics	<i>Lexington, VA</i>

## Skills

### Programming Languages

**Professional** Python, JavaScript, Objective-C, Swift, Java, Golang, HTML, CSS, SQL  
**Leisure** PHP, LaTeX, C, C++

### Frameworks and Tools

**Web / Mobile** React, Node.js, SwiftUI, Flask, Web.py, WordPress, Bootstrap  
**Tools** Git, Jenkins, Charles Proxy, Wireshark  
**Web Service APIs** Chrome extension, Zendesk Application Framework, REST APIs for Jira, Slack, Google Places, Yelp and FourSquare etc

## Experience

### FreeWheel, A Comcast Company

Mar 2019 -- Present	<b>Senior Software Engineer, Video Integration</b>	<i>New York, NY</i>
<ul style="list-style-type: none"><li>Lead the Endpoint Registration project, which builds the new centralized hub to discover, certify and record client-side endpoint distributed among 800+ client networks; this project is implemented using <b>React</b> and <b>Golang</b></li><li>Mentor new-hire teammate on his onboarding project, "Campaign Troubleshooting" portal, that trains all new clients on how to use FreeWheel products and technology</li><li>Review and merge 70% of teammates' Git pull requests to the team's codebase</li></ul>		
Nov 2017 -- Feb 2019	<b>Software Engineer, Video Integration</b>	<i>New York, NY</i>
Aug 2016 -- Nov 2017	<b>Software Engineer, AdServing</b>	<i>Beijing, China</i>
<ul style="list-style-type: none"><li>Developed Video Integration SDK and its test framework, including adaptations to the new OpenMeasurement framework, using <b>JavaScript, Java</b> and <b>Objective-C</b></li><li>Redesigned and implemented the SDK release process so that each release takes less than one hour instead of taking up to six hours as it had in the past; developed and maintained the <b>Jenkins CI/CD pipeline</b> used for release</li><li>Hosted one training session every two months for new hires in Engineering and Global Client Services teams</li><li>Developed internal softwares and tools, including a <b>Chrome extension</b> and a <b>Node.js module</b> that could debug and analyze advertisement selection and delivery realtime on client players</li></ul>		
May 2015 -- Aug 2016	<b>Service Engineer, Video Integration</b>	<i>New York, NY</i>
<ul style="list-style-type: none"><li>Investigated and troubleshooted video integration issues reported by clients in the form of support tickets on Zendesk; 100% of my rated tickets were ranked as "Good"</li><li>Reported and fixed Video Integration SDK issues that clients' ad operations and/or technical teams had raised</li></ul>		

### Center for Open Science

Sep 2014 -- Apr 2015	<b>Infrastructure Intern</b>	<i>Charlottesville, VA</i>
<ul style="list-style-type: none"><li>Developed the new project-wide comment system to <i>Open Science Framework</i> (OSF) with <b>Flask Microframework</b></li><li>Implemented various new features including OSF notification service; fixed existing issues, tested OSF manually and logged unexpected behaviors</li></ul>		

## Hobbies & Interests

<b>Photography</b>	Shot of Twelve Apostles in Australia was published as "Photo of the Day" on <i>National Geographic</i>
<b>Piano</b>	Own a YouTube channel for my piano performances and practices