

# BRADY LIU

[GitHub](#) [LinkedIn](#) [Personal Website](#) 510-541-1376 brady.y.liu@gmail.com

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## SUMMARY

- ❖ Software Developer with specialization in Object-Oriented Programming and Front-End Development
- ❖ Strong knowledge of data structures and algorithms with consideration of time and space complexity
- ❖ Analytical thinker that consistently seeks to resolve issues outside the box

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## TECHNICAL SKILLS

**Front-End:** JavaScript, ES6, Node.js, React, HTML, CSS, SCSS

**Deployment:** AWS EC2, AWS RDS

**Back-End:** Express, MySQL, PostgreSQL

**Testing:** Jest, Enzyme, Mocha, Chai, JsPerf, Babel

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## SOFTWARE APPLICATIONS

### **Personal Website**

Tech: React, Javascript, Sass, HTML

[Live Site](#) | [Github](#)  
San Francisco, CA

- ❖ Built website from ground up utilizing React and Javascript; hosted on Netlify
- ❖ Responsive web design for more pleasant user interface on multiple devices
- ❖ Utilized Email.js API to automatically send user feedback directly to my email inbox

### **Amazon System Design Capstone**

Tech: React, Javascript, MySql, PostgreSQL, AWS EC2

[Github](#)  
San Francisco, CA

- ❖ Optimized 10M+ query insertion load time by mixing chunk sizes with Async/Await
- ❖ Deployed Microservice on AWS EC2, utilizing said records with 200 RPS with 0% error rate
- ❖ Combined multiple micro service components to create a single page application

### **Super Mario Clone**

Tech: Javascript, HTML

[Github](#)  
San Francisco, CA

- ❖ Animated multiple entities using 8-bit sprites to render life-like characters(Mario, Goomba, Koopa)
- ❖ Integrated collision layer for continuous testing development between complex entities
- ❖ Decoupled code constantly to maintain clean, easy-to-read and independant code

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## PROFESSIONAL EXPERIENCE

### **Systems Administrator**

Craig Technologies — Vandenberg, CA

Jan 2019 — June 2019

- ❖ Loaded new machines with updated software to match security policies
- ❖ Instructed users on best practices to mitigate small but time-consuming issues
- ❖ Worked with third party vendors to handle warranty and misused equipment

### **Client Systems Technician**

U.S. Air Force — Overseas

Mar 2013 — Sep 2018

- ❖ Troubleshoot with clients to identify computer hardware/software problems on systems.
- ❖ Created SOPs for newly identified issues with dynamic solutions for teams and clients.
- ❖ Coached new IT personnel on advanced technical problem solving and best security practices.
- ❖ Execute tasks as part of an emergency task force in high-stress environments.
- ❖ Managed 211 accounts of IT equipment valued at \$24m, trained high turnover rate ECs.
- ❖ Conducted and pipelined Staff Assisted Visits for QA resulting in a 70% increase in compliance.
- ❖ Sanitized, documented and disposed of 416 hard drives consisting of sensitive information.

### **Key Achievements**

- ❖ Completed 23% of all trouble tickets for the past year in a team of 8.
- ❖ Remedied a long standing issue affecting users worldwide(5k+ users).

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## EDUCATION

### **Hack Reactor @ Galvanize**

Advanced Software Engineering Immersive

San Francisco, CA

Certified: Sept 2019

### **Community College of the Air Force**

AAS, Information Technology

Japan

Degree Awarded: May 2018