BRADY LIU

GitHub LinkedIn Personal Website 510-541-1376 brady.y.liu@gmail.com

---

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

---

TECHNICAL SKILLS
Front-End: JavaScript, ES6, Node.js, React, HTML5, CSS3, SCSS, UI / UX   **Deployment**: AWS EC2, Netlify
Back-End: Express, MySQL, PostgreSQL   **Testing**: Jest, Enzyme, Mocha, Chai, JsPerf, Babel

---

SOFTWARE APPLICATIONS

Personal Website   **Live Site** | Github
Tech: React, Javascript, Sass, HTML   San Francisco, CA
- ❖ Built website from ground up utilizing React and Javascript; hosted on Netlify
- ❖ Responsive web design for more pleasant UI / UX on multiple devices
- ❖ Utilized Email.js API to automatically send user feedback directly to my email inbox

Amazon System Design Capstone   Github
Tech: React, Javascript, MySql, PostgreSQL, AWS EC2   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   Github
Tech: Javascript, HTML   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

---

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   Sep 2012 — 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).

EDUCATION
Hack Reactor @ Galvanize   **San Francisco, CA**
Advanced Software Engineering Immersive   Certified: Sept 2019
Community College of the Air Force   **Japan**
AAS, Information Technology   Degree Awarded: May 2018