

BRADY LIU

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Technical Skills

Front-End: JavaScript, ES6, Node.js, React, HTML, CSS, Git, Github **Back-End:** Express, MySQL, PostgreSQL
Testing: Jest, Enzyme, Mocha, Chai, JsPerf, Babel **Soft:** Communication, Analytical Thinking, Problem Solving
Deployment: AWS EC2, AWS RDS

Software Engineering Applications

Super Mario Clone

Created a Super Mario game on a web browser using JavaScript

- ❖ 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 independent code

To Do App

Created a todo application for daily planning

- ❖ Develop a RESTful web service using Express.js that performs CRUD operations on a MySQL database
- ❖ Create a responsive front-end and back-end application utilizing React
- ❖ Write unit and integration tests to drive for future development with Jest and Enzyme

Professional Work Experience

Systems Administrator

Craig Technologies — Vandenberg, CA

January 2019 — June 2019

U.S. Air Force — Overseas

March 2013 — September 2018

- ❖ Troubleshoot with clients to identify computer hardware and software problems on classified and unclassified 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.

Key Achievements

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

Base Equipment Custodian Officer

U.S. Air Force — Overseas

April 2015 — April 2016

- ❖ Managed 211 accounts of IT equipment valued at \$24m, training of high turnover rate Equipment Custodians.
- ❖ Successfully analyzed and pipelined Staff Assisted Visits for Quality Assurance resulting in a 70% increase in compliance.

EDUCATION

Hack Reactor Galvanize

Advanced Software Engineering Immersive 2019

- ❖ Explored the famous N-Queens in a tweet and wrote a medium article on it, learning the intricacies of bitwise operators and constraint programming

Community College of the Air Force

AAS, Information Technology - 2018

INTERESTS & HOBBIES

Piano: 10 years of piano lessons with continued practice and impromptu concerts

Sudoku, Gomoku(Five Chess): Mind strengthening puzzle games to stay sharp

Volleyball, Tennis, Soccer: Effective teamwork overcoming unique obstacles and in learning techniques utilizing transferable skills