

# John Chau

(408) 896 - 0830

[john.win.chau@gmail.com](mailto:john.win.chau@gmail.com)

[Personal Site](#)

[Github](#)

[Linkedin](#)

## SKILLS

JavaScript, Python, React, Redux, Ruby, Rails, HTML, CSS, SQL, NoSQL, AJAX, JQuery, JSON, MongoDB, Amazon Web Services, Heroku, Linux, Algorithms, TypeScript

## EXPERIENCE

### Full-stack Engineer

Mar 2021 - Present

- Build full stack applications to client specifications, using technologies like, but not limited to React, Vue, TypeScript, DjangoDB, and numerous Amazon Web Services.
- Architect and implement tools, bots, and programs that improve client processes by eliminating human error, automating 24/7 runtime/availability, catching edge cases, and overall increasing client product yield substantially.
- Collaborate with clients on process automation use cases then designing the technical components involved in building the project. Eg. What technologies to use? What kind of processes will this project replace? What does the input look like? How does this generate revenue or save money? Is it scalable?
- Ensure client satisfaction with the project by providing metrics, reports, maintenance, and updates to a finished product as well as use-case discovery for future projects.

### Programmer Analyst

Dec 2017 - Aug 2019

- Collaborated with front-end engineers to design GUIs (Perl, C++) that are used to output or decipher manufacturing data.
- Created data output tools from planning stages to manufacturing stages, increasing productivity of engineers by 25%.
- Designed and implemented scripts to build test coupons for printed circuit boards.
- Tested scripts for Quality Assurance and updated Oracle databases to accommodate new customer data/technology.
- Identify process efficiencies and optimize procedures to lower scrap rate and improve product yield

### Programmer

#### *Razor Edge Games*

Oct 2017 - Dec 2017

- Used rule based resolver to generate lines for dialogue and story implementation
- Designed AI for constraint solving enemy generation, action sequence, quest progression, behavior/choice selection
- Tested using Microsoft Unit Testing Framework for C++ for quality assurance
- Lead remote weekly meetings to present major updates or changes

## EDUCATION

- **Web Development** - App Academy | Dec 2019 - Apr 2020
- **BS Computer Science** - University of California, Santa Cruz | Sept 2013 - Jun 2017