Ty Gooch

805-705-6502
gooch.ty@gmail.com
Santa Barbara, CA

github.com/tygooch
tygoo.ch/linkedin
tygooch.com

01. EMPLOYMENT HISTORY

Frontend Software Engineer
CJ Affiliate / Dec 2019 - Current
- As a Frontend Software Engineer, I design & develop new features for CJ's website using React, Vanilla JS, and Hubl.

Software Engineer Intern
UCSB Enterprise Technology Services / May 2018 - Sep 2019
- As a Software Engineer Intern, I designed & developed web apps for UCSB's Identity & Access Management portal using Aurelia.js & Spring MVC.
- Accomplishments include releasing a large scale UI redesign as the sole developer, automating the build processes for our QA and production environments, and identifying & securing vulnerabilities in our codebase.

Software Engineer
Grassp Health / Sep 2018 - June 2019
- As a Software Engineer, I worked with leadership to design, develop, & successfully deploy a new Progressive Web App for their platform using React/Redux and Spring MVC.

02. PROJECTS

Amazon Giveaway Bot - Chrome extension to win Amazon Giveaways
- Built with vanilla JS and Webpack.
- Bypasses Amazon's bot detection measures to quickly enter giveways and win free products.
- Features CAPTCHA solving, customizable filters, and UI designed for non-technical users.

UCSB Map - Interactive map of the UCSB campus
- Built with React/Redux, Leaflet.js, Java Spring MVC, and MongoDB.
- Features a fully responsive UI, custom map tiles, predictive search, and interior floor plans.

Isla Vista Emergency Map - Interactive map of real time emergencies
- Built with React/Redux, Express.js, Google Maps API, and MongoDB.
- Scrapes info from Santa Barbara County Fire via a Twitter live stream to display 911 responses in real time as map markers.

03. SKILLS

LANGUAGES	FRAMEWORKS	TOOLS & TECH	UI/UX
JavaScript (ES6+)	React.js, Redux	Node.js	Adobe Illustrator
HTML, CSS	Express.js	Webpack	Sketch App
Bash	Aurelia.js	Leaflet.js	Material-UI
Java	Gatsby.js	Linux	Bootstrap

04. EDUCATION

UC Santa Barbara
Computer Science Engineering / 2014 - 2019
- Coursework focused on software development alongside data structures & algorithms.