

# Jackie Chan

<https://github.com/jchan106>  
jackiesivchan@gmail.com | (916) 833-1980

## EXPERIENCE

### **APTEEDGE | SENIOR SOFTWARE ENGINEER (REACT, TYPESCRIPT, FLASK, PYTHON)**

July 2019 – Present | San Mateo, CA

- Constructed and developed the core routing, listing pages, and detail pages for our workflow product which decreased support agents time spent searching and closing support tickets.
- Built custom tool-tip, multi-select, input, drop-down, and date range UI components which are reused throughout our application.
- Worked directly with POC customers to create multiple workflow features required for the sale. This included File upload using Google Cloud Storage, user commenting, CRUD actions, merging entities, and automation.
- Improved user experience by establishing consistent loading and error handling toasts and messages throughout our app using declarative React components.
- Added and managed Google Analytics for our marketing website, web app, and support system apps to measure customer engagement of certain features.
- Developed functionality for customers to save sets of filters across multiple types of data sets.
- Wrote thorough front-end tests for components, clients, hooks, and Contexts using Jest, Testing Library, and MSW to ensure proper functionality in customer environments.
- Established what products and technologies our team would use in the Front-end ecosystem based on our needs. (React Query, Bootstrap, Jest, CodeMirror, Launch Darkly, Sass, Yarn Workspaces)

### **KELLEY BLUE BOOK | SOFTWARE ENGINEER (REACT, TYPESCRIPT, C#)**

June 2018 – July 2019 | Irvine, CA

- Worked in a scrum team which developed consumer facing applications for the automotive industry.
- Rebuilt the user interface for a lead generation product with the goal of being modern and responsive. (React, Redux, Styled Components, Typescript)
- Implemented numerous features for a lead generation product including building infrastructure with Terraform, creating AWS Lambdas, client-side to server-side data pass through. (Redux Thunk, .NET Core, Terraform)
- Decomposed a monolithic application into loosely coupled micro-services.
- Refactored the user interface and created new RESTful APIs for an internal tool to give the ability to show and modify multiple results. (Angular, ES6, .NET Framework)

### **CENTER FOR ENVIRONMENTAL RESEARCH AND TECHNOLOGY | RESEARCHER**

April 2017 – June 2018 | Riverside, CA

- Maintained the internal website which displayed graphs of battery and solar data. (PHP and Microst SQL Server)
- Developed Excel VBA Macros which transferred and analyzed energy data and made multiple graphs and calculations from them to reduce workload for fellow researchers.

## PROJECTS, EDUCATION, AND COURSEWORK

### **PERSONAL WEBSITE | [HTTPS://JACKIECHAN.NETLIFY.COM/](https://jackiechan.netlify.com/)**

- Portfolio website (Gatsby, Styled Components, React Hooks, CSS Grid).

### **UNIVERSITY OF CALIFORNIA RIVERSIDE | BS IN COMPUTER SCIENCE | GRADUATED JUNE 2018**

### **RELEVANT COURSEWORK**

Database Management Systems  
Information Retrieval  
Object Oriented Programming

Embedded Systems  
Data Structures and Algorithms

## SKILLS

### **LANGUAGES**

Javascript / Typescript  
C#  
C++  
Terraform  
Python  
Excel VBA

### **FRAMEWORKS / LIBRARIES**

Gatsby / React / Redux  
Sass / Styled Components

### **OTHER**

GCP  
AWS  
Git