

Jacob Clark

San Diego, CA | Open to relocation |

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in /jacob-clarksd

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🎓 Education

Western Governors University

Bachelor's of Science in Computer Science

- Project Excellence Awards for submissions in Intro to A.I., Software Engineering, and Natural Sciences

Fall 2019 – Fall 2021

Salt Lake City, UT

Clovis Community College

Computer Science Major

Spring 2017 – Spring 2019

Fresno, CA

⚙️ Technical Skills

Languages JavaScript (Node.js), SQL (MySQL, Postgres), Python

Frameworks/Libraries React, Next.js, Chakra-UI, Material-UI, Bootstrap

Tools/Utilities HTML5, CSS3, Git (GitHub), VS Code

🕒 Experience

California Medical Innovations Institute - FAIR data innovations hub

Front-end developer

November 2021 - Present

San Diego, CA

- Sole developer of guided-mode, a major feature of SODA (a desktop open source biomedical data curation tool) that walks bio-medical researchers through the structuring of their dataset, metadata procurement, and uploading to an online data management platform (Pennsieve)
- Created a new user-interface, user-flow, and consumed a python/flask back-end during the creation of guided-mode. Guided-mode was built with Electron.js, HTML, CSS, JavaScript (es6+), and python/Flask

G&D Farms

Operations Manager

March 2016 - November 2021

Fresno, CA

- Manage operations of a raisin farm including tractor work, manual irrigation, and scheduling labor

Howe Electric

Electrical Designer

January 2015 - April 2017

Fresno, CA

- Coordinated closely with in-house electrical engineers and field electricians to develop efficient and code-compliant non-residential electrical blueprints using AutoCAD
- Produced lighting, power, and low-voltage building energy efficiency documentation (Title-24) with a 100% acceptance rate

Actemium Nürnberg

Electrical Engineering Intern

January 2014 - December 2014

Nürnberg, Germany

- Drafted circuit and terminal plans for switch-gear being designed in-house
- Assisted in the construction of switch-gear systems and helped pull high voltage cables in the field

🧪 Projects

MarketBuddy - marketbuddy.vercel.app

- Real-time Stock analysis dashboard featuring live financial data and sentiment analysis on recent news articles pertaining to individual stocks
- Built with React.js, Next.js, Tensorflow.js, Chakra-UI, and the Yahoo Finance API

Tanner Jensen Art Portfolio - tannerjensenart.vercel.app

- Art Portfolio populated by images retrieved from a CMS back-end allowing the client to manage content using an online dashboard
- Built with React.js, Next.js, SanityCMS, GROQ (query language similar to GraphQL), and Chakra-UI