

ERWIN MEDINA

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[GITHUB.COM/ERWINMEDINA](https://github.com/ERWINMEDINA)

EDUCATION

General Assembly

Software Engineering Immersive

May 2021

University of California, Irvine

BS Applied and Computational Mathematics

June 2017

SKILLS

- **Languages:** C, HTML/CSS, Javascript, Python, Spanish
- **Frameworks:** Bootstrap, Express, Django, jQuery, MongoDB, Node.js, React
- **Design Tools:** AutoCAD, Helioscope, Illustrator, InDesign, Photoshop
- **Additional Tools:** Acrobat, Agile, Git, Github, Google Suite, Microsoft Office Suite, NetSuite, Trello

WORK EXPERIENCE

Revel Energy, LLC.

Energy Analyst

Irvine, CA

July 2018 — February 2021

- Developed and created preliminary design layouts for photovoltaics on commercial & industrial (C&I) buildings in SketchUp, AutoCAD, and Helioscope
- Analyzed 35,000 data points of a potential client's energy usage in order to create a tailored renewable solution
- Composed approximately 15 proposals per week consisting of cost, design, and other renewable solutions for the Commercial & Industrial sales team
- Automated and optimized Excel functions and macros, reducing proposal development time by 50%
- Collaborated directly with various teams & upper management to meet specification needs and quality
- Hands-on expertise in disparate & changing technologies, along with researching new, developing technologies
- Coordinated and negotiated with vendors to provide a fair preliminary cost of installation for potential customers

Knox Attorney Services

Data Entry Specialist

Irvine, CA

July 2017 — July 2018

- Coordinated with supervisor in quality control, assessing and correcting data entry information from the team
- Compiled and assembled subpoenas created from the data entry team, and prepared the documents for delivery
- Gathered and organized client information into a server based system
- Supported the data entry team in creating hundreds of subpoenas a week

PROJECTS

Mancala Board Game — Javascript, jQuery, Bootstrap

- A simple event driven player vs. player board game, using Javascript to implement win/loss logic.

Liverpool Cafe — Javascript, MongoDB, Express, Node.js, Bootstrap, Heroku

- Developed a Mongoose-Express-Node (MEN) stack CRUD application for blogging and communication
- Implemented RESTful routings and communications, along with user authentication using OAuth

Pet Transfer — Javascript, MongoDB, Express, React, Node.js, Bootstrap, Heroku

- Developed a Mongoose-Express-React-Node (MERN) stack CRUD application for pet adoption
- Utilized a third party API to populate form fields, and also implemented token-based authentication