

Ronvic Ernest S. Cuevas

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PROFILE

An entry-level Software Engineer with proficiency in Python and JavaScript, specializing in web development and Google software. Independent and skilled in collaborating with diverse teams to devise innovative technical solutions for intricate software engineering challenges.

EDUCATION

University of California, Davis

Davis, CA

Bachelor of Science, Computer Science

Graduated June 2022

Relevant coursework: Object-Oriented Programming; Data Structures; Gameplay Programming; Web Programming; Algorithm Design & Analysis; Computer Networks; Artificial intelligence; Machine Learning; OS; Statistics and Probability

SKILLS

- **Programming Languages:** Python (Proficient), Javascript (Experienced), C++ (Intermediate), Dart (Beginner)
- **Web Technologies:** HTML5/ CSS3/Javascript (Experienced), RESTful API (Experienced), React (Experienced), Node.js (Experienced)
- **Frameworks:** Express.js (Experienced), Flutter (Beginner), Exposure to TensorFlow, Numpy, Pandas, SciKit-Learn, Seaborn, Matplotlib
- **Database Management:** MYSQL (Experienced), Exposure to non-DBMS databases: Google Firebase and RethinkDB
- **Database Design:** Relational Database Design (Beginner), Entity-Relationship Diagrams (Beginner), Database Normalization (Familiar)
- **SQL:** Writing complex SQL queries for data retrieval, modification and analysis (Experienced)
- **Machine Learning Models:** Regression Models (Beginner)
- **Version Control:** Git/Github (Intermediate)
- **Agile/Scrum Methodologies:** Agile/Scrum (Familiar)

EXPERIENCE

Software Engineer

Woodland, CA

Four Wheel Campers

August 2022 - July 2023

- Maintained and Developed full-stack web applications, coding at all levels covering the backend and the front end to create an efficient system for every department of the company: sales, services, production, accounting, and engineering.
- Designed database schemas and wrote efficient retrieval queries in MYSQL for various large scalable business requirements.
- Collaborated and Coordinated closely with the development team in an agile environment, from planning featured projects and solving software bugs to helping design an efficient workflow for improving a better web application system.

Software Engineer Intern

Davis, CA

EyeVocab (Language Center; UC Davis)

January 2022 - March 2022

- Implemented the Front-End web application, from designing with mockup UX interface to coding using TypeScript and ReactJS Framework, retrieving response calls from Asynchronous ExpressNode API calls and RethinkDB to develop an EyeVocab Project, a cloud-based open-source digital vocabulary program that is designed for students who wants to learn, practice, and test their knowledge of target language lexical items.

Software Developer

Davis, CA

OpportunityKnocks

May 2021 - November 2021

- Contributed to the end-to-end development of a cross-platform mobile application using Dart and Flutter, while leveraging cloud-hosted NoSQL databases (Google Firebase) to ensure seamless data management.
- Collaborated within a software development team of more than four members in an Agile and Scrum environment, actively participating in streamlining workflows using Git and GitHub to enhance the app's development lifecycle.

PERSONAL PROJECTS

CalorieTrack – Python, Javascript, HTML/CSS, React.js, Node.js, Express.js, NutriX API DB, MYSQL, TensorFlow, GCP (Web Development w/ML Integration) (**Estimated Duration: 2-3 months**)

Woodland, CA

November 2023 - Present

- Designed and implemented a scalable backend infrastructure using Node.js, Express.js and MySQL, optimizing the performance of web application.
- Implemented websockets using Express.js to enable real-time communication with Python Scripts and its Machine Learning Models.
- Planning to implement Regression Models using NutriX API DB and TensorFlow to get an accurate result needed for user's fitness goals.

Regression Model (ML Course Project) – Python, Numpy, Pandas, Sci-Kit-Learn, Seaborn, Matplotlib (Machine Learning)

Davis, CA

September 2021

- Implemented visualizations and building Regression Models (Linear Regression, Polynomial Regression, Logistic Regression) with graphs using Numpy, Sci-Kit-Learn, Pandas, Seaborn and Matplotlib to analyze car fuel efficiencies.