

Eduardo Umaña Gómez

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As an engineer with a proven track record of building products that have sold across the globe, I apply my creative skills and process-driven leadership to solve difficult problems in efficient ways. My passion for functionality and design inspires me to deliver complete, user-centric solutions while shortening the development cycle. My multi-cultural background values, communication, flexibility, and diversity to contribute to an overall positive team mentality.

SKILLS & TOOLS

Languages: JavaScript, Python, C, C++, HTML, CSS, MATLAB

Technologies: React.js, React Native, Node.js, Express, MongoDB, Mongoose, PostgreSQL

Tools: VS Code, Mbed Studio IDE, VIM, Adobe Illustrator, Adobe PhotoShop

Languages: CEFR B2+ German, Native Spanish

COMPUTER SCIENCE PROJECTS

Dishigood App : React Native, Node.js, Express, MongoDB

- Developed an iOS App for ordering [Dishigood's](#) food for delivery.

FoodRunner App : React, Node.js, Express, MongoDB

- Developed a React app for ordering food from food trucks.

Coffee Marketplace : JavaScript, Node.js, Express, MongoDB

- Developed a coffee marketplace for coffee growers to list coffee crops online. ([Link](#))

Design of Embedded System for Sound Processing : C Programming Language, Mbed IDE

- Designed and fabricated an embedded system for sound processing using a Cortex M4 processor
- Implemented DSP algorithms to filter noise and identify sound signals

Parallel implementation of cellular automaton: C Programming Language

- Used POSIX Threads to implement a parallel version of Conway's Game of Life

Oracle of Bacon: C++

- Implemented a Graph data structure to read and store the IMDb movie database
- Implemented graph algorithms to find the degrees of separation between an actor and Kevin Bacon

WORK EXPERIENCE

Founder and CEO, VAC Air Brewers, Miami, FL: August 2017 – Present

- Inventor of the VacOne, the first coffee maker for home use that uses air to brew coffee.
- Sourced and negotiated terms with a contract manufacturer in China for mass production of VacOne.
- Raised \$180,000 on Kickstarter.
- VacOne is sold in 15 countries.
- Managed a team of four people in finance, marketing, and sales.

Founder and CEO, Quintal Coffee, Miami, FL: June 2021 – Present

- Launched the first Origin Roasted coffee subscription in the U.S
- Built a supply chain spanning 12 Latin American countries that delivers fresher coffee due to reduced transit times and storage conditions, while shifting more value to coffee producing countries.

Founder and CEO, Classic Engineering, San Francisco, CA: April 2015 – August 2017

- Designed and launched two consumer products, classic VARIO and classic MÖBIUS
- Built and managed a global supply chain spanning 7 countries in Asia, Europe, and Americas to manufacture the company's product portfolio
- Managed 3 part-time interns in PR, marketing, and customer service
- Sold business for an undisclosed sum

EDUCATION

Full Stack Software Engineering Certificate, General Assembly, Aug - Nov 2022

Bachelor of Science: Engineering, Swarthmore College, May 2015

Relevant Coursework: Intro to Computer Science, Data Structures and Algorithms, Fundamentals of Digital Systems, Linear Algebra Honors, Intro to Computer Systems, Electronic Circuit Application, Control Theory