

Eduardo Umaña Gómez

954-980-3024 | Miami, FL | eduardo.u@outlook.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

WORK EXPERIENCE

Founder and Lead Software Engineer, Pixelalogic LLC, Miami, FL: Jun 2021 – Present ([Pixelalogic](#))

- Launched Pixelalogic, a software consulting firm, employing Agile methodologies to create dynamic, high-performance web and mobile applications for small to medium-sized businesses.
- Proficient in full-stack development using technologies like Node.js, React, React Native, and JavaScript, with an emphasis on responsive design.
- Implement cloud technologies for scalable, secure, and cost-effective solutions, translating complex business requirements into functional, innovative software.
- Manage all business aspects, maintain high customer satisfaction rates, and provide ongoing technical training for two part-time employees.

Founder, VAC Air Brewers, Miami, FL: Jun 2017 – Feb 2022 ([VAC Air Brewers](#))

- Founded VAC Air Brewers and invented the first coffee maker for home use that uses air to brew coffee (VacOne) which won “Best Cold Brew Maker” by Esquire Magazine and raised \$180K on Kickstarter
- Bootstrapped to ~\$1M of sales with 30% margins having sold >18K machines in 16 countries
- Hired and managed four direct reports across finance, marketing, sales, and operations
- Sourced and negotiated terms with TECO (a large contract manufacturer) to mass produce VacOne in China and secured partnerships with 6 national retailers including Williams Sonoma to distribute

Founder, Classic Engineering, San Francisco, CA: April 2015 – August 2017 ([Classic Engineering](#))

- Designed and launched two consumer products, classic VARIO (watch) and classic MÖBIUS (lamp) scaling to +120K of annual revenue and sold > 1K products across the portfolio including at SF MoMA
- Built a global supply chain across 7 countries in APAC and EMEA to ramp up production of portfolio
- Hired and managed 3 direct hires across functional areas in product, marketing, and customer service
- Sold the business for an undisclosed sum, producing > 3x return on invested capital to shareholders

COMPUTER SCIENCE PROJECTS

Dishigood iOS App (Published): React Native, React, Node.js, Express, Redux, MongoDB

- Entirely developed and published a React Native iOS App and kitchen-facing dashboard built on React for ordering [Dishigood's](#) food for delivery. App published to App Store ([link](#)) and in use by business.

FoodRunner App: React, Node.js, MongoDB

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

Coffee Marketplace: React, Material UI, Redux, Node.js, Express, MongoDB

- Developed a coffee marketplace for coffee growers to list coffee crops online.

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

PUBLICATIONS AND MEDIA APPEARANCES

“These Latino Millennial Entrepreneurs Want to Change the Way you Drink Coffee” – Forbes, 2021 ([link](#))

“Estos Jovenes Latinos Crearon una Maquina Para Extraer Café al Vacío” – Telemundo, 2021 ([TV link](#))

“Eduardo Umaña on his brand Classic Engineering” – Monocle, Monocle on Design, 2017 ([link](#))

EDUCATION

Bachelor of Science: Engineering, Swarthmore College, May 2015

SKILLS & TOOLS

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

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

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

Languages: CEFR B2+ German, Native Spanish