MICHAEL T GERVASONI

michaelgervasoni@gmail.com | (310) 428-6399 | 10170 Tilton St., San Diego, CA | github.com/GGi1

Summary

Full-stack Developer with an Engineering background. Interested in all things software engineering. Passionate about solving complex problems to better our world.

Engineering Experience

Software Development Intern, *The 5th Ingredient, LLC*

June 2018 – Present

- Developed SaaS modules for brewery software *Beer30*
- Owned multiple projects of various complexity from ideation to completion
- Extensive experience with PHP, MySQL, JavaScript (ES6), HTML5, CSS3, and CodeIgniter (MAMP)

Full-Stack Web Developer, *Learn Academy*

March 2018 – June 2018

- Seventeen weeks of intensive training in ReactJS, Ruby, Rails, Postgres, HTML5, CSS3
- Pair programming and test driven development using RSpec, Cabybara, and Enzyme.
- Built a React with Rails fitness tracking application using SCRUM methodology: https://fitology-app.herokuapp.com

Development Engineer, *HRL Laboratories, LLC*

September 2016 – August 2017

- Lead project to develop material from conception to actualization
- Detail oriented development of processing techniques, development, and testing procedures
- Gave weekly presentations and authored a patent

Engineering Intern, *HRL Laboratories*

June 2016 – September 2016

- Detail oriented development of processing techniques, development, and testing procedures
- Achieved record performance in deliverables

Skills

Languages - **JavaScript, PHP, Ruby, Python, C**
Frameworks - **React, Rails, Express, CodeIgniter**
Frontend - **HTML5, CSS3**
Backend – **MySQL, Postgres, Node.js**
Tools - **Git, Linux, LabVIEW, Regex, Command Line, RSpec, Cabybara, Enzyme, MATLAB, R**

Education

B.S. Materials Engineering
UCLA March 2017
Summa cum laude (3.96/4 GPA)

Full-Stack Web Dev Program
Learn Academy June 2018

A.A.S Marketing

Achievements

Patent January 29, 2018
Composite Materials, and Systems and Methods for Making Composite Materials

Publication October 2016
PRiME 2016/230th ECS Meeting
Decreased Surface Porosity and Roughness of InP for Epitaxy: A Path to Integration of High Performance Electronics.

Competition Winner 2016
1st Place: PRiME Poster Competition
2nd Place: RiseUP Research Competition

Scholarships 2015 - 2018
Blue and Gold, Shirley and Walter Wang, University Grant

Participant, *UCSD Blockchain Incubator*

May 2018– Present

- Worked on small team to develop blockchain technology to help homeless populations.

Owner, *Fantasy Foods*

September 2009 – March 2011

- Ownership of multiple business components: production, selling, customer service, and distribution
- Raised investment capital
- Opened accounts in over 20 local businesses

Owner, *Beach World Gift Shop*

March 2011 – September 2011

- Ownership of multiple business components – floor layout, purchasing, pricing,

Relevant Engineering Research

Research Assistant, *Dr. M. Bauchy, Dr. M. Goorsky, Dr. E. Wang, UCLA*

- Lead project to develop ultrathin semiconductor substrates.
- Daily use of Matlab, Linux, Laamps, VMD for molecular dynamic simulations
- Gained familiarity with CAD (Solidworks)