

Gael Calma Bau

2255 Wild Oak Way Apt 112, Corona, CA 92879 | 951-599-5215
gaerbau@gmail.com | gaelbau.com

EDUCATION

University of California, Irvine

Irvine, CA

Bachelor of Science in Computer Science

March 2019

- Selected Coursework: Intro to Data Management (Fall 2017), Computer Networks (Winter 2018), Data & Web Apps (Winter 2018), Machine/Data Mining (Fall 2018), Design & Analysis of Algorithms (Winter 2018), Advanced Computer Networks (Winter 2019)

SKILLS

- Python, Javascript, SQL, Java, C/C++, HTML/CSS, Angular, MongoDB, Node/Express JS
- Agile/Scrum and Jira/Git for project management.
- Exposure to AWS EC2, S3 Buckets, and DigitalOcean Droplets.

EXPERIENCE

Elevate Consulting

Newport Beach, CA

Software Engineering Intern

Oct. 2018 – Apr. 2019

- Implemented a cron job designed for inventory keeping between an e-commerce client's Shopify inventory and SQL Server inventory.
- Responsible for creating and maintaining RESTful APIs using Node/Express JS and MongoDB.
- Developed front end applications based on Angular, CSS, and html5.

University of California, Irvine

Irvine, CA

Lab Instructor

Apr. 2017 – Jun. 2018

- Communicated effectively with students about various Python and programming concepts.
- Guided students to learn how to troubleshoot bugs in their assignments and projects.
- Average of 9.3/10 overall student feedback rating.

PROJECTS

Route Stopovers

Fall 2018

- A small front end project designed to practice HTML/CSS, Javascript, and third party APIs.
- Utilized Yelp's Fusion API in conjunction with Google Map's API to allow users to find particular businesses along a route.

Movie E-Commerce Application

Winter 2018

- A project built to learn about full-stack development in Java and cloud servers with AWS.
- Used Java servlets hosted on an Apache Tomcat server and a MySQL DB for the back end.
- Implemented a basic front end application using Javascript/jQuery and HTML/CSS.

MapQuest API

Fall 2016

- A rudimentary program developed using Python and MapQuest's API.
- Allow users to pick up to 5 output types, such as distance and steps.
- Basic UI generates outputs based on the concept of duck typing.