VICTOR FIGUEROA
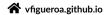
vfigueroawork@gmail.com vfigueroa.github.io in/victorfcs

EDUCATION

Bachelor's in Computer Science
Boston University Sep 2018 – May 2022 GPA: 3.23

- Dean's List & Patriot League Academic Honor Roll
- Varsity D1 Track & Field Athlete
- Executive Board Member for SHPE
- Ignite Council Representative for SPARK
- Member of Alianza Latina, BUILDS, and ALPFA

EXPERIENCE

Software Developer
Twitter Jun 2021 – Aug 2021 San Francisco, CA

- Software Engineering Intern on Twitter's Revenue Platform Team
- Improving user experience and workflows of advertising customers
- Designing and developing advanced analytics to improve effectiveness of ad campaigns
- Supporting multiple ad formats contributing to $3 Billion and growing worth of yearly revenue
- Representing my team in a cross-functional project estimated to generate $3 Million in revenue

Jun 2020 – Aug 2020 San Francisco, CA

- Reviewed the features of the product, their implementation, and potential vulnerabilities by reading the Technical Design Document Documentation
- Designed and developed a series of automated web-based UI acceptance tests in JavaScript
- Responsible for creating and maintaining the page object and testing files
- Developed custom functions to abstract away layers of testing, improving test readability and functionality
- Worked with the development team to implement new test-ids to ensure the reliability and longevity of the tests
- Created a Jenkins Job for continuous integration(CI) of the automated tests, which will be added to the deployment pipeline

Data Analyst
GE Aviation May 2019 – Aug 2019 Cincinnati, OH

- Responsible for escalating missing data from GE engines across the world
- Monitored engine data charts to identify abnormalities
- Automated a process for identifying missing engine data by using a third party API
- Wrote queries to pull historical data from our GreenPlumb & Postgres databases
- Presented data to airline customers highlighting maintenance trends
- Provided actionable data for preventative maintenance, reducing downtime & unscheduled delays
- Developed a Standard Operating Procedure(SOP) for bringing a new engine line into service

CSSI Student
Google Jul 2018 – Aug 2018 Pittsburgh, PA

- Designed and developed a full-stack web application deployed on Google App Engine

Data Analyst
Atlantis Technologies Jun 2017 – Jul 2017 Concord, MA

- Collaborated with engineering & product teams to build a stealth mode SaaS product for providing insightful metrics for medical suppliers

SKILLS

Languages: Python, JavaScript, Scala, C, HTML/CSS, Java, SQL, LaTeX

Tools: Git, Command Line, Excel, Access, Google Cloud, JIRA, Aurora Workflows, Pants

Soft Skills: Developing Leader, Effective Communicator & Collaborator, Problem Solver, Adaptable

ACHIEVEMENTS

- Eagle Scout
- KMF Scholar
- Atkinson Scholar
- Richard D. Cohen Scholar
- Hispanic Scholarship Fund Scholar
- HSF Media & Entertainment Summit Attendee

COURSE WORK

- Undergrad
  - Object Orientated Programming(Python)
  - Functional Programming & Data Structs.(Java)
  - Computer Systems(C & X86 Assembly)
  - Combinatoric Structures(Discrete Math)
  - Geometric Algorithms(Linear Algebra)
  - Computational Probability & Statistics
  - Concepts of Programming Languages
  - Analysis of Algorithms
  - Computing Systems
  - Fundamentals of Data Science
  - Information Security
  - Software Engineering
  - Full-Stack App Design and Development
  - Database Systems
  - SPARK! Software Engineering Practicum
- Master's
  - Machine Learning

PROJECTS

A New Path 🔗
Co-developed a web app, in five days, at Google's CSSI that helps users visualize and reduce their carbon footprint based on their commute details. It then recommends alternative modes of transportation to reduce CO_2 while maximizing cost savings. Users can then share their commitment to change with other users on their feed or other popular social media platforms.

Derm.AI 🔗
Co-developed a mobile app for skin cancer detection at Hack Harvard. The iOS app enables users to take or upload a picture of a mole from their mobile device. If the mole is potentially cancerous, users can schedule an appointment in-app with a nearby dermatologist or oncologist based on their location and insurance provider.

Trading Algorithm 🔗
Developing a trading algorithm alongside a web application that tracks the stock market. The web app will: display plots of a securities price and volume over time, generate alerts at target thresholds, and enable users to paper trade securities. Users can trade securities themselves or customize the algorithm to trade on their behalf.

Focus 🔗
Developing a landing page placing essential productivity tools in one convenient elegant location. Google Tasks and Calendar API implementations will streamline productivity without the need for multiple tabs. Users will be able to set reminders and list their goals for the day to help them stay focused and on task.