

VICTOR FIGUEROA



EDUCATION

Bachelor's in Computer Science

Boston University 📅 Sep 2018 – May 2022 🎓 GPA: 3.23

- Dean's List & Patriot League Academic Honor Roll
- Varsity Track & Field Athlete
- Executive Board Member for The Society of Hispanic Professional Engineers(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

📅 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 and 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, C, HTML/CSS, Java, SQL, LaTeX

Tools: Git, Command Line, Excel, Access, Google Cloud, Postgres, GreenPlum, Test Cafe, JIRA

Soft Skills: Leader, Effective Communication, Problem Solver, Adaptable, Ambitious

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 Strcuts.(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 would demonstrate user's carbon footprint. A New Path takes users' commute details and encourages them to reduce their carbon footprint through alternative modes of transportation while also saving them money. Users can then share their commitment to change with other users on their feed or on other popular social networking platforms.

Derm.AI 🔗

Co-developed a mobile application for skin cancer detection at Hack Harvard. The iOS app allows users to take a picture of a mole on their body and make a prediction about whether or not it is cancerous. If the mole is potentially cancerous it will prompt the user to schedule an appointment with a nearby dermatologist or oncologist.

Trading Algorithm 🔗

Developing a trading algorithm and web application to track the stock market. The web app will graph the prices of stocks over time, display alerts when certain prices or thresholds are met, and allow you to simulate trading by either buying shares of a stock or letting the trading algorithm-which will be trained with previous years' data-buy and sell stocks it views as an intelligent investments.

Focus 🔗

Developing a landing page website similar to the Momentum Google Chrome extension that will feature beautiful backgrounds and daily inspirational quotes. Google Tasks and Calendar API implementations will streamline productivity without the need for multiple tabs or your phone. The goal for this project is to place productivity tools that many professionals use in one elegant, convenient location.