Javier A. Avitia

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EDUCATION & CERTIFICATIONS

University of California, Los Angeles   **July 2017-September 2017**
Coding Bootcamp, Full-Stack Web Development

Rice University & Coursera (w/ Distinction)   **June 2013**
An Introduction to Interactive Programming in Python, **Language:** Python

National Council of Examiners for Engineering and Surveying (NCEES)   **February 2013**
Designated Engineer-in-Training, **State Board:** California

Johns Hopkins University, Baltimore, MD   **August 2008-May 2012**
Bachelor of Science in Materials Science Engineering, **Track:** Nanotechnology

APPS

Transit Event Finder   **August 2017**
Google Maps Web App
·   Javascript app utilizing multiple jQuery ajax calls on transit stop geocoordinates for local event tickets, subway timetables, and weather.
·   HTML/CSS interface with Bootstrap for enhanced UX/UI and mobile-responsiveness.
·   Custom jQuery HTML filters for modifying visible transit lines and API queries.
·   Option to store events from Google Maps infowindow when clicked.

WORK EXPERIENCE

primeXchange, Manhattan, NY   **September 2016 – January 2017**
Data Manager/VBA Programmer
·   Reduced SKU ingestion period from two weeks to 2 days by creating extensive VBA toolkit with custom tools for file validation, creation, and master file cross-referencing.
·   Managed communication with warehouses, Amazon FBA customer care, freelance contractors, and between cross-functional partners.

One Kings Lane, Manhattan, NY   **January 2015 -September 2016**
Catalog Specialist
·   Programmed VBA modules and Applescript Tools to optimize vendor assortment onboarding and minimize catalog errors.
·   Created Excel spreadsheets for quality assurance initiatives to enhance the depth of information linked to an item by SKU.

Belmont Metals Inc., Brooklyn, NY   **September 2013-April 2014**
Quality Control Analyst
·   Performed compositional analysis using SpectraMAX equipment and worked closely with the foundry to ensure product was within customer specifications.
·   Utilized Excel extensively to parse information from company spreadsheets related to quantities of materials used and quantities of material on hand to optimize recycling and disposal.

QUALIFICATIONS

Technical Skills: Javascript, MySQL, MongoDB, ExpressJS, ReactJS, NodeJS, HTML/CSS, Bootstrap, Firebase, Heroku, Git, NPM, Amazon FBA, Excel VBA, Data Analysis, Failure Analysis, Chemical Analysis
Fluent Languages: English, Spanish