

# **Javier A. Avitia**

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## **EDUCATION & CERTIFICATIONS**

- UCLA Extension, Woodland Hills, CA** **July 2017-September 2017**  
*The 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, Mongoose, Express, React, Node.js, HTML/CSS, Bootstrap, Firebase, Heroku, Git, Amazon FBA, Excel VBA, Failure Analysis, Chemical Analysis  
**Fluent Languages:** English, Spanish