

Tabatha Lewis

tabathasuzannelewis@gmail.com | +1 (858)-242-0566 | La Jolla, CA

Technical Skills:

C, C++, Unix, Reg Ex, Bash/Shell, Java, Python (Numpy, Pandas, Scipy), R, JavaScript, Unity, Matlab, Git, HTML/CSS, Spark, SQL, TensorFlow, AWS, Databricks, Splunk, Docker, Tableau, Microsoft Office Suite, Adobe Suite

Languages:

English (native), Spanish (native), French (professional competency)

Laboratory Skills:

Big Data Analytics (R, Python and SQL), Electrical Engineering (Microscopy), Cryogenics (Basics), Chemistry Lab Component, Bioinformatics (R)

Relevant UCLA Coursework:

Principles of Economics, Probability Theory, Applied Numerical Methods, Mathematical Modeling, Systems & Ordinary Differential Equations, Algorithms & Complexity, Machine Learning, Computer Organization, Optimization, Computer Graphics, Introduction to Linguistic Analysis, Cell & Molecular Biology, Cells, Tissues & Organs, Organic Chemistry, Chemistry Energetics & Change, General Chemistry Lab, Physics Mechanics, Physics Oscillations, Waves & Fields

Certifications:

Deep Learning by deeplearning.ai on Coursera (Sept 2020)

Extracurricular:

- Presently working at a start-up to create a Machine Learning algorithm and data visualization utilizing medical school data.
- Cover screenplays for an entertainment company.
- Created Python modules to deconstruct stock market data and gauge metrics for an AI based stock trading stealth start-up.

EDUCATION

University of California, Los Angeles

June 2020

Bachelor of Science in Mathematics of Computation

WORK EXPERIENCE

NBCUniversal | **MACHINE LEARNING INTERN**

Jan 2020 - May 2020 | Los Angeles, CA

- Investigated XGBoost Machine Learning algorithm and its application to NBC's recommendation engine.
- Analyzed and manipulated large datasets in pyspark and SQL to create visualizations in DOMO in order to provide data driven insights.

Fox Corporation | **SUMMER VIDEO ENGINEERING INTERN, FALL VIDEO ENGINEERING INTERN, SOFTWARE DEVELOPER**

May 2019 - Jan 2020 | Los Angeles, CA

- Created internal tools such as a tool to extract id3 tags and Nielsen watermarks from live video streams (VDMS and AWS) utilizing AWS and Python and created a web interface to access the tool with React (JavaScript, HTML/CSS).
- Resolved issues with API logging messages to Splunk.

SEASnet Computing Facility | **LAB CONSULTANT**

Jan 2019- June 2020 | Los Angeles, CA

- Answered technology and software related questions in a time sensitive environment.
- Diagnosed and resolved basic hardware and software failures.

Daily Bruin | **OPINION COLUMNIST, NEWS AND A&E CONTRIBUTOR**

Oct 2017 - June 2020 | Los Angeles, CA

- Wrote articles for UCLA's award-winning newspaper.
- Collected and vetted facts within time constraints by conducting informative interviews for and with the public.
- Quickly understood advanced research topics in a variety of fields, such as neuroscience, biology, psychology and sociology, and explained the research to the general public in a digestible manner.

Geschwind Laboratory UCLA | **UNDERGRADUATE RESEARCHER**

Oct 2016 - Feb 2017 | Los Angeles, CA

- Analyzed gene expression in hundreds of thousands of cells and used R to eliminate biases introduced by the gene detection methods.

Ozcan Research Group UCLA | **UNDERGRADUATE RESEARCHER**

June 2016 - Aug 2016 | Los Angeles, CA

- Prepared biological samples and examined samples using imaging techniques, such as dark-field and bright-field microscopy.

Bruin Buzz | **SUPERVISOR**

Sept 2015 - Oct 2017 | Los Angeles, CA

- Supervised a UCLA run coffee shop.
- Balanced worker and customer needs efficiently in a time-sensitive environment.

World Rack | **CO-FOUNDER & PARTNER**

Oct 2014 - Apr 2015 | San Diego, CA

- Imported goods in bulk through Alibaba from India, Thailand and China and sold them in person and online.