Cell: (510) 798-4366
Email: david.eric.lopez@gmail.com

David Lopez

Skills

TECHNICAL: Python *(Pandas, Numpy, SKLearn, Sci-Py, Matplotlib, Plotly, Statsmodels, NLTK, BeautifulSoup)* | Git | R | MATLAB | Excel | SQL | Machine Learning *(Classification, Regression, Clustering, Dimensionality Reduction, NLP)*
EXPERIMENTAL: A/B Testing | Experiment Design | Quantitative Analysis | Statistical Inference

Education

UNIVERSITY OF CALIFORNIA, SAN DIEGO	SAN DIEGO, CA
B.S. Cognitive and Behavioral Neuroscience	DEC 2020

Coursework: *Statistics | Data Science in Practice | A.I. Algorithms | Modeling & Data Analysis | Linear Algebra*
Awards and Affiliations: *Provost Honors (2018-2020) | Data Science Society (2019-Present)*

AT&T SUMMER LEARNING EXTERNSHIP	REMOTE
Business Acumen for Data Science Certificate	JUL 2020
OHLONE COLLEGE	FREMONT, CA
**A.A. Human Development	A.A. Social Sciences**	JUN 2018

Experience

UC San Diego (Linguistics Lab)	SAN DIEGO, CA
LEAD DATA ANALYST	DEC 2019 – PRESENT

- Implemented automated pipelines, reducing 20+ hours of weekly duties to seconds.
- Performed statistical tests, uncovering language features that impact complexity.
- **Implemented classification and topic generative models identifying how subjects learned language.**

Facebook	REMOTE
DATA CHALLENGE FINALIST	APR 2020 – AUG 2020

- Identified metrics that could be used to measure Instagram Story performance and engagement.
- Collaborated with other finalists to analyze and update Dubai RTA infrastructure.
- **Placed 1st in the final challenge as a result of strengthened skills in Python, SQL, and product-sense**

Whova	SAN DIEGO, CA
DATA SCIENCE INTERN	OCT 2019 – APR 2020

- Analyzed churn accounts and contributed to productionized classification and similarity models.
- Identified key metrics and classes to be used as model variables.
- Mobilized development of new app features and post-event reporting for client sponsors.
- **Led to increased retention and reactivated accounts.**

UC San Diego Health (Neural Engineering Lab)	SAN DIEGO, CA
ASSISTANT RESEARCH ANALYST	JAN 2019 – OCT 2019

- Developed a framework to maximize data pipeline efficiency using parallel processing.
- Identified neural oscillatory patterns that helped establish baseline brain activity.
- **Findings aided in the development of new personalized therapies to treat ADHD and depression.**

Ohlone College	FREMONT, CA
ASSOCIATE RESEARCHER	JAN 2018 – JUN 2018

- Commissioned by the Office of Student Life to investigate student satisfaction at Ohlone College.
- Lead analytics team, identified campus pain points, student profiles, and solutions.
- **Resulted in the organization of TEDx conferences and increased professional development events.**

Featured Project

Email Newsletter Summarizer / GitHub
Developed a script that will access emails from Medium.com containing the users "Daily Digest" of recommended articles. **Retrieves newsletter articles from email, summarizes articles into seven sentences, and presents the summarizations in a clutter-free webpage that also contains links to the users LinkedIn, Gmail, and other websites.** Provides a tool that allows users to begin their days cleanly, and efficiently.