

Henry Sue

Data Science, Analytics, ML, and Software Engineering

Irvine, CA

📞 626-375-8594

✉ henrysuedata@gmail.com

🏠 [henrysue.github.io/](https://github.com/henrysue)

in [henrysue](#)  [henrysue](#)

EMPLOYMENT

Data Analyst

June 2020 – Present

Experian

Costa Mesa, CA

- Performs ad-hoc analysis and communicates findings, recommendations, and data limitations to stakeholders to facilitate data-driven decisions and answer business problems
- Builds and maintains dashboards in Tableau to monitor performance metrics of A/B tests
- Queries and updates Amazon RedShift SQL databases to input and extract statistics and test details
- Builds and maintains Alteryx workflows to ensure proper data pipeline from Adobe Analytics and Redshift
- Analyzes Adobe Analytics data to identify customer behavior with web products

Software Support Technician

Nov. 2019 – June 2020

Nodus Technologies

Anaheim, CA

- Provided support for B2B and B2C enterprise software plugin for Microsoft Dynamics GP
- Assisted customers with software requests on ad-hoc basis.

IT Analyst

Jan. 2019 – Nov. 2019

Taco Bell Corporation

Irvine, CA

- Created custom Google Chrome extension in Javascript for data queries to assist troubleshooting proprietary data delivery in CloudBridge for data delivery team
- Provided support for all electronic equipment and networking for over 7000 restaurants nationally, including 5 different brands of point-of-sale machines

EDUCATION

University of California, Riverside

Riverside, CA

Master of Science in Engineering, Data Science (GPA: 4.0/4.0)

Mar. 2020 – Current

University of California, Irvine Division of Continuing Education

Irvine, CA

Certificate of Data Science (GPA: 3.87/4.0)

Sep. 2019 – June 2020

University of California, Irvine

Irvine, CA

Bachelor of Science, Earth System Science

Sep. 2014 – Sep. 2019

Undergraduate Researcher, Primeau Lab 2017 – 2019

PROJECTS

Naive Bayes Classifier from Scratch | Python

2020

- Implemented the Naive Bayes Classifier from scratch and compared performance to scikit-learn out of the box models.

Twitter Sentiment Classifier | Python, BERT Language Model, Pytorch

2020

- Transfer trained BERT Language model on Twitter dataset to create a sentiment classifier.

Shopper Intention Classifier | Python, Naive Bayes, Random Forest

2019

- Trained several machine learning models to predict whether an online shopper will purchase a product or exit the page based on several page statistics such as browsing duration, date, page bounce rates and google page value.

Estimating Planktonic Carbon Flux Using Satellite Data | MATLAB, Python, Panoply

2017

- Used ocean color, salinity, and temperature satellite data to model spatial planktonic density, and estimated yearly carbon flux using Stokes Law. Completed as senior thesis at UC Irvine.

SKILLS

Software / Programming: Python, Julia, Javascript, R, Matlab, Git

Data Stack: Tableau, Alteryx, Adobe Analytics, Google Analytics, RapidMiner, KNIME, L^AT_EX

Python Packages: Pandas, NumPy, Matplotlib, Seaborn, SciKit-Learn, SciPy, Pytorch, Transformers

Machine Learning Models: Linear/Logistic Regression, Decision Trees, Random Forest, Extra Trees, k-Means Cluster, K-Nearest Neighbors, Support Vector Machine, Naive Bayes, Neural Networks