

Henry Sue

Data Science, Analytics, ML, and Software Engineering

Bellevue, WA

📞 626-375-8594

✉ henry@henrysue.dev

🏠 www.henrysue.dev

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

WORK EXPERIENCE

Business Intelligence Engineer

May 2021 – Current

Amazon

Bellevue, WA

- Automated generation for weekly business report for marketing team using internal ETL tools.
- Provides ad-hoc support for marketing team analysis, data, and reporting requests.

Data Analyst

June 2020 – May 2021

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.
- Built and maintained workflows and dashboards with Amazon RedShift SQL, Alteryx, and Tableau to drive decisions and conclusions in A/B testing and product optimization.
- Recommendations from A/B test analysis drove \$2M in additional revenue from product optimization.
- Trained new hire on tech stack, business knowledge, and analytical skills.

Software Support Technician

Nov. 2019 – June 2020

Nodus Technologies - EVO Payments

Anaheim, CA

- Provided support for B2B and B2C enterprise software plugin for Microsoft Dynamics GP.

IT Analyst

Jan. 2019 – Nov. 2019

Taco Bell Corporation

Irvine, CA

- Provided support as SQL SME for 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 – June 2021

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 in python and compared performance to scikit-learn out of the box models

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, R, Matlab, Git

Data Stack: SQL, Tableau, Alteryx, Adobe Analytics, QuickSight, RapidMiner, KNIME, \LaTeX

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