

Joshua Hosea

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Education

Mathematics (Statistics Specialization), B.S.

Aug. 2017 – Present

University of Nevada, Reno | 3.7 GPA

Expected Graduation: May 2021

- Big Data, Minor
- Completed Courses: *Intro to Machine Learning* | *Intro to Bayesian Statistics* | *Intro to Linear Regression* | *Statistical Theory* | *Intro to Probability* | *Data Structures*

Employment

Business Intelligence Intern

April 2019 – Present

Bombora | Reno, NV

- Query multi-dimensional databases in SQL/BigQuery to support data-driven decisions and dashboards on Tableau and Data Studio.
- Implemented efficient solutions to decrease query run-time and dashboard loading time by taking advantage of BigQuery's resources to aggregate and format data-sources.
- Utilized Python with Jupyter Notebooks to create an easily replicated analysis of topic similarity and topic recall.
- Developed and documented the business process for adding topics to the taxonomy, including writing a Python script to check for existing similar topics.
- Conducted analysis to determine outlier domains in Company Surge® dataset based on the number of profiles and topics.
- Designed and built the Brand Lift dashboard (currently undergoing Beta Testing) in Tableau using BigQuery to support the backend.

Teaching Fellow

Aug. 2018 – April 2019

College of Engineering | Reno, NV

- Debugged student's programming projects and worked with them to develop and implement the best solution for the problem.
- Effectively communicated general C programming concepts to students to ensure their understanding of how basic programming practices can be utilized.
- Graded over 300 tests by examining handwritten C programs for errors and bugs.

Special Events Assistant

May 2018 – Aug. 2018

International Gaming Institute | Las Vegas, NV

- Aided students in formulating and expanding their ideas for their final project or designing an integrated resort.
- Managed a group of 20+ underprivileged high school students in a program with the goal of introducing and educating them about the gaming and hospitality industry in Las Vegas.

Student Outreach and Career Events Coordinator

Dec. 2017 – May 2018

College of Engineering | Reno, NV

- Developed visual representations of surveys to deliver data-driven results.
- Coordinated multiple events working in a small team, including the biannual College of Business Career Fair which hosts 80+ employers and 650+ students.

Technical Skills

- Advanced understanding of SQL and BigQuery
- Working level proficiency in Python, R, C++, C
- Experience developing and working with basic ML and statistical models

Fun Facts!

- I love anything outdoors including cycling and hiking.
- I'm always looking for the next thing to automate in my apartment—gone are the days of having to get up to turn off the lights.