

**Objective:** Data Scientist looking for dynamic and challenging jobs in technology

**Education**

The Ohio State University - May 2024 - Bachelors of Science

Major: Data Analytics with a specialization in Data Visualization

The University of St. Andrews - Sept 2025 - Masters of Science

**Coursework:**

**Undergraduate**

Computer Science: Java software composition and development, C, x86-64 assembly language, C++, Python, SQL, UX UI Design, Data Management in the Cloud, Data Mining

Statistics: Probability and Statistical Inference for Data Analysis, Statistical Modeling for Discovery 1-3, Statistical Learning, Bayesian Statistics

Math: Honors Mathematical Analysis, Linear Algebra, Differential Equations, Calculus 1-3, Scientific Computing

Integrated Systems Engineering: Systems Modeling and Optimization for Analytics, Visual Analytics and Sensemaking, Resilience Engineering

**Graduate**

Computer Science: Critical Systems Engineering, Artificial Intelligence Principles, Signal Processing

**Work Experience**

Software Intern | Dell Technologies | June - August 2022

Used Python to automate classifying 1.5 million service requests to give Dell new insights into the customer experience and to inform quality engineers on areas of product improvement.

**Research**

Undergrad Researcher | Lawrence Berkeley National Laboratory (LBNL) | Oct 2022 - June 2024

- Worked on the calibration and filter optimization system for Gamma Ray Energy Tracking Array (GRETA)'s detector crystal cores and segments.
- Participated in the Science Undergraduate Laboratory Internship with LBNL over the summer of 2023
- Researched the parameter space for detector calibration along with a variety of optimization methods for filter shaping parameters.

Research Intern | Michael E. DeBakey VA Medical Center | June - August 2021

Used Python to clean streptococcus data for feature selection and tokenization. Ran the data set through various machine learning algorithms to automate the classification of clinical records for the VA hospital system.

**Skills**

Proficient in C, C++, SQL, Java, Python, R, MATLAB, Tableau, PowerBi, Adobe Creative Cloud, Microsoft Office, G Suite, and OBS

Fluent in English and Proficient in Mandarin Chinese

**Extra-curricular**

Ohio State Women's Ultimate Frisbee Team - Vice President (2023-2024), Member (2019-2024)