

Miles DeVaney
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Education:

Willamette University (Salem, OR)
Major: **Data Science (3+1 BS/MS)** and **CS** double major
3.79 unweighted GPA
Expected Graduation: May 2024 (BS) and August 2024 (MS)

Work Experience:

Section Leader - CS 151
1/17/22 - Current

Leading a weekly lab section for CS 151 students reviewing concepts from the week, as well as providing **grading, feedback, and assistance** on problem sets/projects for students. Additionally working with professors to help **develop and update the course curriculum**.

Relevant Coursework:

Fundamentals of Data Engineering - Data 503
*Graduate-level course on storing, managing, and processing data, mainly using **PostgreSQL, Bash, and Docker***

Data Visualization - Data 502
*Graduate-level course on the **visualization, communication and presentation of data**, and translating technical results into actionable insight*

Data Ethics - Data 504
*Graduate-level course exploring the legal, policy, and **ethical implications of data***

Fundamentals of Data Science - CS 370
*Data Science Methods and Advanced Python (**Pandas, NumPy, Matplotlib, Jupyter**)*

Statistical Learning with R - Math 239
*Statistical analysis and modeling in the **R programming language (tidyverse packages)***

Analysis of Algorithms - CS 351
*Study of **algorithm design and analysis** in Python*

Software Development - CS 261
*Professional software development practices in a simulated development team. (**Javascript/HTML**)*