

**Miles DeVaney**  
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## **Education:**

*Willamette University (Salem, OR)*

Major: **Data Science (3+1 BS/MS)** and CS double major

3.72 unweighted GPA

Expected Graduation: May 2024 (BS) and August 2024 (MS)

## **Work Experience:**

Section Leader - CS 151

1/17/22 - Current

Willamette University - Computing and Data Science

**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 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)***

Data Structures - CS 241

*Object implementation of structures and abstract data types in Python*

Software Development - CS 261

*Spring 2023. Professional software development practices in a simulated development team. (**Javascript/HTML**)*

Fundamentals of Data Engineering - Data 503

*Spring 2023. Graduate-level course on storing, managing, and processing data, mainly using **PostgreSQL, Bash, and Docker**.*

Math for Data Science - Math 280

*Mathematical theory that underlies current data science methods. (Linear Modeling, Matrix Computation, Optimization, Probabilistic thinking and modeling)*