**Leo Doak**

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**OBJECTIVE**

**Recent computer science graduate seeking employment as an entry level Data Scientist to apply my skills in a data science role.**

**EDUCATION**

**University of North Carolina Wilmington May 2024**

Bachelor of Science, Computer Science

Concentration: Statistics, Minor: Data Science

Honors: Cum Laude (GPA: 3.654)

**SKILLS:**

* Programming Languages – Java, Python, C++, SQL, R, SAS
* Software specialization: VS Code, PyCharm, RStudio, Kaggle, JupyterHub, GitHub, Git

**RELEVANT PROJECTS:**

**Modeling a Differential Drive Robot (DDR) - Scientific Computing Project**  **Fall 2023**

* Modeled a DDR using python in jupyter notebooks. Focused on studying the position, velocity, and robot headings in different situations, studied the effects of implementing different controllers such as PID and MPC.

**Skills Used:**

* Teamwork – Collaborated with my team to deliver the project on time.
* Planning – Planned out the project identifying key deadlines to stay on track.
* Python Libraries – Numpy, Matplotlib, Casadi, DO-MPC

**RELEVANT COURSEWORK:**

**Statistics/Data Science Computer Science**

Foundations of Data Science Database Design and Implementation

Statistical Programming Scientific Computing

Regression and Correlation Object-Oriented Programming and Design

Categorical Data Analysis Design and Analysis of Algorithms

Probability and Statistics Software Engineering

**ADDITIONAL EXPERIENCE:**

**Summer Camp Counselor**, Triangle Rock Club | Raleigh, NC **June 2023 – August 2023**

* Supervised a group of campers teaching them the basics of rock climbing.

**Digital Media Intern**, Par4Success | Morrisville, NC **May 2019 – June 2019**

* Revamped the digital marketing campaign for this company to increase membership.

**Campus Involvement November 2021 - May 2024**

* **Delta Sigma Phi Fraternity –** Zeta Omega Chapter
* Secretary (Spring 2022) / Treasurer (Spring 2024)