Daniel Weddle

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Education

Old Dominion University, Norfolk, VA

Expected Graduation: May 2022 **Bachelor of Science in Applied Mathematics** Minor: Computer Science

GPA: 4.0

High School: Home educated, June 2018, 4.0 GPA SAT Score: 1530 on a scale of 400 to 1600

Awards and Honors

Dean's Perfect Scholar (ODU): fall 2018 - spring 2021

ODU Presidential Scholarship: 2018-19, 2019-20, 2020-21, expected 2021-22 Wayne A. Helm (2019-20) and Carl A. Schulz Jr. (2020-21) Endowed Scholarships

ODU Perry Honors College Member

Experience

Data / Supply Chain Analyst, Ferguson Enterprises, summer 2021

Undergraduate Research Assistant, ODU Dept. of Mathematics and Statistics, fall 2019-spring 2021

ODU Math (Calculus) Lab Tutor, summer 2020

Teaching Assistant for ODU Precalculus I and II, fall 2019, spring 2020

Teaching Fellow (Algebra I) for Breakthrough at Norfolk Academy, summer 2019

Private mathematics tutor, summer 2017, summer 2018, spring 2019

Certified referee, United States Soccer Federation, 2012-present

Special Olympics Virginia Fall Championships volunteer referee, 2015, 2016, 2017

Foodbank transportation team member, 2015-2020

Skills and Abilities

Leadership, teamwork, and management developed during years of refereeing

Precise written and oral communication

Explanatory aptitude refined from tutoring/teaching math in different settings since 2017

Programming (exposure to C++, MATLAB, SAS, R, fall 2021: Python)

Data querying and visualization (SQL, Power BI)

Selected Coursework

Calculus I-III; Introduction to Real Analysis Introduction to UNIX for Programmers

Ordinary Differential Equations Advanced University Physics I-II

Abstract Algebra; Applied Complex Variables Theory of Probability; Theory of Statistics

Programming and Problem Solving I-II (C++) Linear Algebra; Applied Numerical Methods I (MATLAB)

Data Structures and Algorithms (C++) Introduction to Data Handling (SAS, R)

Fall 2021: Intro. to Machine Learning, Intro. to Data Science and Analytics (Python), Partial Differential Equ.

Character and Personality

Honest; Diligent; Detail-oriented

Strong belief in the value of each individual as a human being

Interested in learning from, teaching, and helping others