

Matthias Newton

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EDUCATION

East Carolina University - Greenville, NC

December 2021

Bachelor of Science in Mathematics

Statistics Concentration

GPA 3.6

Dean's List

RELEVANT SKILLS

MATLAB

Symmetrica

Linux

SAS

Python

SQL

Linear and Nonlinear Analysis

Theory of Analysis

Computation & Optimization

Multivariable Calculus

Mathematical Programming

Ordinary Differential Equations

RELEVANT EXPERIENCE

The Orange County Riptide – Skyhawk, Irvine, CA

May 2021-August 2021

Baseball Analytics and Official Scorer

- Gather baseball statistics and analysis utilizing the PointStreak scoring system
- Interpret data to assist the team with player decisions

East Carolina University - Greenville, NC

August 2018-May 2021

Mathematics Tutor

- Coordinated a study group of up to ten students for introductory mathematics courses
- Facilitated one-on-one tutoring sessions that reinforce material learned in the classroom
- Incorporated different visual aids, such as interactive equations and games like Kahoot

VOLUNTEER EXPERIENCE

Boys and Girls Clubs of the Coastal Plain - Greenville, NC

August 2017-Present

- Supervise club participants aged 6-11 during times of recreation and homework
- Accompany participants on field trips to places, such as the park and the movie theater

CAMPUS INVOLVEMENT

Out in STEM at East Carolina University - Greenville, NC

August 2018-Present

President

- Attend conferences advocating for LGBTQ+ students in the science, technology, engineering, and mathematics (STEM) fields
- Host guest speakers from companies, such as Gulfstream Aerospace, Google, and Lenovo