

Education

April 2021 **Bachelors of Science in Physics and Mathematics, Minor in Data Science**, *Florida Atlantic University, Harriet L. Wilkes Honors College*, Jupiter FL, Honors Thesis on data manipulation for use in fish behavioral prediction.

May 2017 **Graduate with Honors**, *JJ Pearce High School*, Richardson TX.

Relevant Coursework

Electricity and Magnetism, Intro to Data Science (Undergraduate and Graduate), Differential Equations, Discrete Math, Micro and Macro Economics, Intro to Set Theory, Matrix Theory, Data Visualisation, Solid Mechanics, Modern Algebra, Computational Science, Computational Social Science, Econometrics, Modern Analysis, Thermal Physics

Experience

Jan 2019– **Teachers Assistant - Physics 1 and 2 Labs**, *FAU Honors College*, Jupiter, FL.

- Present ○ Assisted with creation and implementation of organizational system for lab.
- Demonstrate labs via both remote and in person learning. Assist students with experiments.

June 2019– **Assistant Teacher**, *Milagro Foundation*, Boca Raton, FL.

- Aug 2019 ○ Taught underserved and at-risk grade 4-6 children science by performing hands on experiments.
- Assisted in teaching k-3 children math skills.

June 2014– **Senior Camp Counselor, Camp Counselor**, *Jewish Community Center*, Dallas, TX.

- Aug 2017 ○ Oversaw fellow counselors in planning and leading activities for children.
- Mentored elementary age children in safe and engaging activities such as crafts, sports, swimming, and song.

Awards

April 2, 2021 FAU Annual Undergraduate Research Symposium. Presented thesis.

Mar 30, 2018 FAU Annual Undergraduate Research Symposium. Selected to present interactive art.

May 2014 Eagle Scout, Boy Scouts of America

Dec 2015 Elected to the National Honor Society, JJ Pearce High School, Richardson, TX

Mar 2014 BSA Order of the Arrow Brotherhood. Recognized for service.

Extracurricular Activities

2017–Present Member, FAU Intramural Foam Sword Fighting Team (Dagorhir)

July 2017 1st degree black belt, Karatedo

Technical Experience

languages Python, Markdown, Java, C, R
technologies Vim, L^AT_EX, Jupyter Notebooks

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