

Eric Niblock

211 High Park Blvd., Amherst, NY 14226

(716) 472-7209 | ericnibl@buffalo.edu | <https://ericniblock.com>

Education

New York University, New York, NY

Expected Graduation May, 2022

Masters of Science, Data Science (Part-time, Virtual)

University at Buffalo, Buffalo, NY

Graduated May, 2020

Bachelor of Science, Physics

Bachelor of Arts, Mathematics, Philosophy

GPA: 3.98/4.00

- UB Presidential Scholarship (2016-2020)
- Sekula Scholarship: outstanding performance in physics (2018, 2019)
- Experiential Learning Scholarship: support of independent research (2019)

Amherst Central High School, Amherst, NY

Graduated June, 2016

Graduation Rank: 3/187

- Scholar Athlete: Volleyball, Swimming, Tennis (2012-2016)

Employment

Mount St. Mary Academy, Buffalo, NY

September, 2020 – October, 2020

Interim Physics Teacher

- Developed and taught a physics curriculum for high school students

Independent Health, Buffalo, NY

June, 2019 – August, 2019

Actuarial Analyst Intern

- Automated monthly expense forms using Python and SAS
- Analyzed product and vendor relations through a value-based reimbursement lens

University at Buffalo, Buffalo, NY

Data Science Researcher

May, 2019 – Present

- Use Python for simulations to examine the division of cognitive labor within communities of scientists. Employ tools from game theory, reinforcement learning, and data science

Residential Education Tutor

January, 2017 – May, 2020

Quality Engineer, Indian Deccan

January, 2019 – October, 2019

- Traveled to India to gather various quality indicators to explore the functionality of ancient step-wells through statistical interpolation ([publication](#))
- Constructed an air quality monitor using a Raspberry Pi

Industrial and Systems Engineering Researcher

May, 2018 – June, 2019

- Employed Python and machine learning techniques to research the spread of misinformation through social media

Neuroscience Lab Technician

February, 2017 – May, 2019

- Analyze data using SAS to find statistical correlations between heart malfunction and NSAID use under the supervision of Dr. Satpal Singh (publication pending)

Honors Colloquium Teaching Assistant

January, 2018 – May, 2018

Roswell Park Cancer Institute, Buffalo, NY

Lab Technician

October, 2015 – June, 2016

- Apprentice to Dr. Maciej Goniewicz and Mr. Noel Leigh
- Studied e-cigarette composition and health effects (publication pending)

Skills

Python, TensorFlow, HTML, PyTorch, Raspberry Pi, Microsoft Office, Machine Learning, Statistics, Calculus, SAS, Blender, Electrical Engineering, Numpy, Pandas

References available upon request. Please visit my website to view my portfolio.