

Antonino DiMaggio

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Education

Rutgers University

New Brunswick, NJ

B.S. in Computer Science, Minor in Mathematics

9/2018 - 5/2020

- **All Computer Science Courses:** Introduction to Computer Science, *Data Structures*, *Computer Architecture*, *Discrete Structures I-II*, *Design and Analysis of Computer Algorithms*
- **All Mathematics Courses:** *Linear Algebra*, *Linear Optimization*, *Calculus I-III*

Experience

National Renewable Energy Laboratory

Golden, CO

Research Intern, Advisor: Dr. Leonardo Micheli

6/2018 - 8/2018

- Time series analysis of non-uniform photovoltaic soiling station data
- Particle characterization using machine learning based clustering algorithms
- Worked in a research group implementing rapid development methodology

Princeton Plasma Physics Laboratory

Princeton, NJ

Research Intern, Advisor: Dr. Arturo Dominguez

9/2017 - 1/2018

- Computation of ideal magnetohydrodynamic equilibrium of stellarator plasmas
- Application of methods to solve systems of partial differential equations

Skills and Interests

- **Languages:** Fluent in Python, Java, and C++
- **Tools and Frameworks:** Tensorflow, Keras, Scientific Python Stack, Jupyter, Git, Gradle
- **Development Environments:** GPU Accelerated Clusters, Linux, MacOS, Windows
- **Interests:** Data Science, Artificial Intelligence, Indoor Agriculture, Renewable Energy

Honors and Awards

- Rutgers Phi Theta Kappa International Honor Society Transfer Scholarship