

# Antonino DiMaggio

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## PROFILE

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Computer Science major with a strong background in mathematics seeking to utilize my internship experience to obtain a position as a data scientist.

## EXPERIENCE

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<b>National Renewable Energy Laboratory</b>	Golden, CO
<i>Research Intern, Advisor: Dr. Leonardo Micheli</i>	6/2018 - 8/2018

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

<b>Princeton Plasma Physics Laboratory</b>	Princeton, NJ
<i>Research Intern, Advisor: Dr. Arturo Dominguez</i>	9/2017 - 1/2018

- Computation of ideal magnetohydrodynamic equilibrium of stellarator plasmas
- Built three-dimensional visualization tools for stellarator plasmas in MATLAB
- Application of methods to solve systems of partial differential equations

## EDUCATION

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<b>Rutgers University</b>	New Brunswick, NJ
B.S in Computer Science	Expected May 2020
GPA: 3.4	

*Selected Coursework:* Linear Optimization, Principles of Programming Languages, Data Science, Software Methodology, Compilers, Ordinary Differential Equations

## SKILLS

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- **Programming Languages:** Python, Java, C
- **Tools and Frameworks:** Tensorflow, Keras, Pandas, Jupyter, Django, Git
- **Other Skills:** RESTful web service design, High performance Linux clusters