Antonino DiMaggio

antonino.dimaggio@rutgers.edu | https://antoninodimaggio.github.io

SUMMARY

Computer Science major with a strong background in mathematics and the physical sciences. My non-technical strengths include my ability to conceptualize abstract ideas and to explore those ideas via rapid prototyping.

EXPERIENCE

National Renewable Energy Laboratory   Golden, CO
Research Intern, Advisor: Dr. Leonardo Micheli   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

Princeton Plasma Physics Laboratory   Princeton, NJ
Research Intern, Advisor: Dr. Arturo Dominguez   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

Rutgers University   New Brunswick, NJ
B.S in Computer Science   Expected May 2020

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

SKILLS

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