Aidan Greenlee

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EDUCATION

University of Maine — Orono, ME
Physics and Mathematics double major, Electrical Engineering minor, 3.9 GPA — *Graduating May 2021*

RPI Advanced Cyberinfrastructure Summer Program
Summer 2020
- Attended lectures covering a wide variety of computational physics and high performance computing topics at Rensselaer Polytechnic Institute's Advanced Cyberinfrastructure Training for Modeling Physical Systems

EXPERIENCE

Undergraduate Research Assistant — Fall 2020 – Present
CompuMAINE — *Orono, ME*
- Developed colocalization algorithms for image analysis

Undergraduate Research Assistant — Summer 2020 – Present
UMaine Electrical & Computer Engineering — *Orono, ME*
- Developed Scalable and Portable Infrastructure for Cybersecurity Education, with a focus on cloud infrastructure

Engineering Intern — Summer 2019, 2020
Systems Engineering — *Portland, ME*
- Worked with managed services and networking to help support IT departments for companies across Maine

Math Tutor — Spring 2019 – 2020
UMaine TRIO SSS — *Orono, ME*
- Tutored students in mathematics and statistics classes

Maine Learning Assistant — Fall 2018
UMaine RiSE Center — *Orono, ME*
- Helped teach other students in Physics II: Electricity and Magnetism

AWARDS

Scholarships & Awards

CLAS James S. Stevens Outstanding Junior Award 2019
UMaine Presidential Scholarship
Theodore & Dorothy Whitehouse Scholarship - Math
Alton S. & Adelaide B. Hamm Scholarship - Engineering
Walter E. Riley '32 Scholarship - Engineering
Adah Ginn & Clifford Patch Scholarship - Physics

Honor Societies

Tau Beta Pi - Engineering
Sigma Pi Sigma - Physics

SKILLS

Technologies

Languages: Python, C/C++, R, LaTeX, MATLAB
Developer Tools: Git, Docker, AWS
Other: Terraform, Ansible, TensorFlow/Keras, Linux, ImageJ, Networking

Relevant Courses

Physics: Mechanics, Electricity & Magnetism, Quantum Physics, Computational Physics
Math: Differential Equations, Complex Analysis, Statistics, Biological Modeling, Machine Learning
Electrical Engineering: Signals and Systems, Deep Learning, Digital Signal Processing, Feedback Control Systems

OTHER

UMaine Cybersecurity Team — Fall 2018 – Present
Vice President, 2020-2021

Northeast Collegiate Cyber Defense Competition — 2019, 2020
Collegiate Penetration Testing Competition — 2018, 2019
Engineers Without Borders — 2017-2018