

Logan Hobbs

(217) 695 – 5090 | hobbsla@clarkson.edu | loganhobbs.com | www.linkedin.com/in/logan-hobbs-a8358b285

Education

Clarkson University - GPA 3.71

Potsdam, NY

- Bachelor of Science, Electrical Engineering Major 2027
 - Sustainable Energy Systems Engineering Minor
- Member of Honors Program

Honors and Awards

Clarkson University

Potsdam, NY

- 2024-25 IEEE PES Scholarship Plus Initiative Award
- Physics I & II – Team Design Lab
 - Advanced group projects involving real-world laboratory design

Research Experience

Clarkson University

Potsdam, NY

Clarkson Power Engineering REU

May 2024 – November 2024

- Operational Resource Adequacy in Reliable Grid Operation with High Renewable Resources
- Provide situational awareness in grid operational risks in collaboration with NYISO
- Conducted data analysis and forecasting methodology using Python and Gurobi Optimization
- Won sustainability award at Clarkson University Research and Project Showcase (RAPS)
- Paper submission towards 2025 IEEE PES GM

Clarkson Honors Summer Research Program

Summer 2023

- Participated in predictive analytics
- Utilized Python and MATLAB
- Presented at Clarkson University Research and Project Showcase (RAPS)

Leadership and Activities

Clarkson University

Potsdam, NY

Honors Program Teaching Assistant for MATLAB

August 2024 - present

- Developed lesson plans along with homework
- Setup and hosted office hours to help students learn
- Graded student's homework

Honors Program Steering Board Webmaster

September 2023 – December 2024

- Helped develop, improve, and maintain Honors Program website
- Utilized JavaScript, ReactJS, and SQL

Liberty High School

Liberty, IL

Science Olympiad

2019-2020, 2021-2022

- Attended after school experimentation sessions
- Competed in multiple events against other schools

Change Starts with Me Leadership Workshop, Suicide Awareness and Prevention

2019

- Representative for Liberty High School

Volunteering

Clarkson University

Potsdam, NY

STEM Ed - NYSERDA Project

September 2024 – December 2024

- Developed campaign plans for home energy efficiency awareness
- Presented at New York's 2024 Adirondack Youth Climate Summit

Horizons

Summer 2023

- Introduced middle and high school students to STEM

Liberty High School

Liberty, IL

Peer Tutoring – Math, Spanish, Biology, Band

2019-2020, 2021-2022