

Lindsay Clark

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EDUCATION

Clarkson University, Potsdam, NY

(May 2021)

- Bachelor of Science, **Environmental Engineering**
- Minor in **Environmental Science**
- Enrolled in The Clarkson School – early college entrance program

ENGINEERING EXPERIENCE

LEED For Communities in New York Olympic Region, Clarkson University

(2018)

- Pilot program created by the USGBC, area is both rural and multi-jurisdictional, based off tourism
- Create preliminary roadmap for NYOR
- Collected data for core metrics, input data into Arc
- Give recommendations and improvements to the USGBC
- Received gold certification and 2019 Most Successful Community Engagement award

FIRST Robotics Mentor, Team 229, Clarkson University

(2016 – 2017)

- Talked students through how they would like to build their robot – worked with them to express their own ideas
- Helped students with CAD drawings and walked them through any issues
- Attended a National Competition – placed top 8 in the national division and second in Montreal

SPEED Team ChemE Car, Fuel Cell Team, Clarkson University

(2016-2017)

- Worked on the fuel source-used chemical reactions to fuel a car
- Designed a fuel cell- using inventor, designed a new container to contain the chemical reaction fueling the car

LEADERSHIP AND ACTIVITIES

Sergeant at Arms and Corresponding Secretary of Alpha Phi Omega, Clarkson University

(2017-Present)

- Nationally Recognized Service Fraternity on campus
- Raises money for a charity of choice each semester
- Manages social media accounts and communicates between Alumni and active members
- Keeps a record of current bylaws and works with other executive board members to enforce bylaws and handle chapter conflict

Active Member, Clarkson University Outing Club (CUOC)

(2016 – Present)

- Led hiking trips with 3-5 students to Azure, Giant, Big Slide, Rocky Peak Ridge Cascade, and Porter
- Hiked 10 high peaks so far – aspiring “46er”

TECHNICAL SKILLS

Microsoft Excel, Word, PowerPoint, AutoCAD Inventor, MATLAB, LabVIEW, Geographical Information Systems (GIS), Arc

WORK EXPERIENCE

Lab Assistant, Clarkson University

(March 2018- August 2018)

- Isolated pathogens within both human swabs and hog swabs to better understand diseases caught within villages located near large scale hog farms

Environmental Engineer Intern, APC Paper Co. of NY

- Managed and maintained MBBR system
- Performed lab work in order to help meet required regulations of permits
- Regular meetings with a member of the DEC to discuss permits and regulations

VOLUNTEER WORK

Volunteer at Potsdam Humane Society (Dog and General Certification), Potsdam, NY

(2017-Present)

- Pet, nurture, and walk dogs and cats to socialize them to people

46 Climbs

(2016-Present)

- Raises money for Suicide Prevention to benefit the American Foundation for Suicide Prevention (AFSP)