

Jamie Ley

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Education

UNIVERSITY OF PITTSBURGH, SWANSON SCHOOL OF ENGINEERING

PITTSBURGH, PA

- Major: Environmental Engineering
- GPA: 3.401
- Expected Graduation: December 2021

Relevant Course Work

- Fluid Mechanics
- Soil Mechanics
- Environmental Engineering Processes
- Surface Water Hydrology
- Material & Energy Balance
- Advanced GIS

Freshman Engineering Conference, University of Pittsburgh, April 2018

The Use of Metal Organic Frameworks in Water Collection

- Collaborative presentation to group of forty peers

NORTH HILLS HIGH SCHOOL

Ross Township, PA

Graduated May 2017 – GPA 4.2

Certifications/Skills

- Microsoft Word, Excel, PowerPoint, ESRI ArcMap

Work Experience

KLH Engineers, Inc Co-Op (May 2019-Current)

Robinson, PA

- Prepared NPDES permits, IU discharge permits, Toxic Reduction Evaluation reports, and Design Engineer's reports
- QA/QC flow meter data – fixed anomalies in sewer pipe flow data
- Created hydrographs using SSOAP Toolbox
- Performed TSS and CSS water quality testing at Clairton WWTP

Pitt Arts Host (2018-2019)

University of Pittsburgh

- Lead groups of twenty or more students to different cultural events around Pittsburgh

Ross Township Summer Recreation Camp Counselor (Summer 2018)

Ross Township, PA

- Facilitated classroom with fifteen 10-11-year-old students
- Assisted with lessons focused on environmental science, space exploration, and basic engineering tools

Panera Bread Cashier (2016-2019)

Ross Township, PA

- All customer facing activities
- Trained new hires

Awards/Honors/Extracurriculars

Freshman Engineering Conference Section's "*Best Paper Award 2018*", North Hills High School High Honors (2013-2017), Swanson Plus3 – Traveled to China to study smartphone industry (Summer 2018), ASCE (2019-Present), AAEES EPA Rainworks Challenge (Fall 2019)