

Grace Kurtz

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1217 W Silver St, Butte, MT

EDUCATION

Montana Tech Expected Graduation Fall 2019

Bachelor of Science in Environmental Engineering

Seattle University, Seattle, WA Fall 2015—Fall 2017

Environmental Engineering Lab Assistant Montana Tech August 2018-Present

- Manage and set up water sampling lab
- Assist in Bio-Reactor Mine Waste Water Treatment Research

Institute of Transportation Engineers (ITE) Seattle, WA Spring 2017

- Awarded 2nd Place Student Design Night Competition in Institute of Transportation Engineers

WORK EXPERIENCE

Pioneer Technical Services Engineering Intern Anaconda, MT January 2018-Present

- Extensive GIS mapping active remediation projects (Berkeley Pit)
- Tested monitoring wells in Areas of Concern and repaired telemetry systems
- Designed cost estimates
- Watershed analysis
- HAZWOPER Certified

Research Fellow University of Nebraska Agronomy Lincoln, NE Summer 2017

- Measured and analyzed fundamental crop and soil variables in hedge and soy crops
- Developed an extension case study to address a producer concern of erosion
- Presented research at International Agronomy Conference in Tampa, Florida
- *Awarded Outstanding Peer Selected Poster*

Resident Assistant (RA) Seattle Housing and Residence Life, Seattle, WA Fall 2016-Fall 2017

- Organized, budget, and market three monthly programs for 90+ residents
- Provided first response to resident emergencies
- *Awarded RA of Bellarmine Hall*

OAR Trip Lead Seattle UREC, Seattle, WA Fall 2016-Fall 2017

- Led and designed trips of 12+ students on skiing and canoeing trips
- Maintained group positivity and safety

Coast Guard Certified Boat Captain Glacier Park Boat Co Glacier, MT Summer 2015-Fall 2017

- Captained 42' historic wooden tour boat and performed boat maintenance
- Guided hikes for 50+ people through the backcountry

Column Writer Whitefish Pilot Whitefish, MT Fall 2014-Spring 2015

- Wrote a bimonthly column addressing a wide range of student issues
- *Awarded 2015 Montana Bettering Newspaper Award*