

Sam Hetherington

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East Lansing, MI

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EXPERIENCE

Michigan Department of Transportation — *Student Assistant*

FEBRUARY 2023 – PRESENT

Assign historical traffic data, data scrubbing, data review, and data entry for the Traffic Data Management System. GIS data maintenance, processing, and integration utilizing ArcGIS and ESRI software for reviewing, editing, and geoprocessing of traffic-related datasets.

Michigan Department of Transportation — *Research Assistant*

JANUARY 2022 – SEPTEMBER 2022

Collect data, perform statistical analysis, and submit written reports for public transit agencies throughout the state of Michigan.

MSU Infrastructure Planning and Facilities — *Maintenance Assistant II*

JANUARY 2020 - JANUARY 2022

Provide support to skilled trade roofers, masons, carpenters, and painters in the maintenance and repair of university buildings.

P.I. Engineering Inc. — *Technician*

SEPTEMBER 2017 - JULY 2018

Product assembly, machining, testing, software programming.

Toronto Brigantine Inc. — *Sailor*

JULY 2013 - DECEMBER 2018

Lead Hand, Petty Officer, Jr. Watch Officer, Sr. Watch/Engineering Officer aboard a traditionally rigged brigantine.

EDUCATION

M.S. and B.S. Urban & Regional Planning — *Michigan State University*

AUGUST 2018 – MAY 2023

Minor in Leadership of
Organizations

Professional Certificate in GIS

SKILLS

- ArcGIS
- Esri Business Analyst
- Microsoft Office
- AutoCAD and Sketchup
- Writing and Communication
- Leadership
- Teamwork
- Charrette Systems
- Adobe Creative Suite

INVOLVEMENT

- MSU Urban & Regional Planning Student Association
- APA Student Member
- European Planning and Redevelopment Study Abroad
- Duke of Edinburgh Silver Award
- Potter Park Volunteer Zookeeper