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**Daniel Murphy**  
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Permanent Address  
2190 Winchester Dr  
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### Education

**The University of Iowa** August 2015 – May 2020  
Major: Civil/Environmental Engineering GPA: 2.92  
Focus: Environmental  
Minor: Geographic Information Science

### Work Experience

**National Park Service** Yosemite National Park, CA May – August 2018

#### ***Pathways Engineering Intern***

- Cataloged and mapped trail bridges and amenities within Yosemite on AutoCAD and ArcGIS applications using field measurements and condition assessments
- Recorded piezometric and site data for two future leach field projects
- Utilized ArcMap for park concessionaire land assignments
- Documented data and on-site tasks on various projects around Yosemite

**Cedar Rapids Iowa City Economic Alliance** November 2017 – May 2018

#### ***Data/Research Intern***

- Analyzed and presented many types of data sets for business attraction
- Utilized AutoCAD, ArcGIS, BLS database software for research and presentation
- Contributed in meetings relating to economic, business, and land development for the Cedar Rapids and Iowa City area

**Iowa Department of Transportation** Cedar Rapids, IA May – August 2017

#### ***Civil/Transportation Engineering Intern***

- Inspected DOT projects, such as erosion control, storm water management, bridge construction, and highway repair
- Documented quantities, on site work, and daily tasks to put on record
- Monitored traffic control set-ups for highway construction projects
- Analyzed plans and land surveys for current and future projects

### Design Experience

**Environmental Engineering Design (CEE:4157)** August 2018 – December 2018

#### ***Mechanicsville, IA Lagoon Wastewater Treatment Plant with Ecolotree Inc.***

- Designed and presented an updated treatment system implementing Phyto-Active Growth Reactor cells for the wastewater treatment plant in Mechanicsville, IA

### Extracurricular Activities

**University of Iowa Athletics** Fall 2015 – Present

#### ***Varsity Cross Country/Track & Field Team Member***

- Big Ten and NCAA Division I athlete
- Proficient in time management due to a full schedule with athletics
- Engaged in volunteer and community events for the greater Iowa City area

**Iowa Student Athlete Advisory Committee** Fall 2018 – Present

#### ***Cross Country team representative; Career Development committee***

**Theta Tau Omicron** University of Iowa Fall 2017 – Present

#### ***Professional engineering fraternity; Professional Development committee***

**American Society of Civil Engineering** University of Iowa Fall 2017 – Present

### Skills/Certifications

- Experienced with MATLAB and C++ computer programming
- Field experience with AutoCAD, Civil3D, ArcGIS, and Microsoft Office
- DOT certified in PCC & Asphalt testing, erosion control, and plan reading