

Dyllan Murray

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Mr. Murray is a Web GIS Developer for the Geospatial and Information Technology Solutions group at Innovate! Inc. Seeking to leverage acquired academic knowledge and work experience into challenging and meaningful career. An enthusiastic employee with strong communication and work skills interested in working in dynamic team environments.

Education

University Wisconsin-Madison (2020)

- M.S. GIS and Web Map Programming

University of Montana | GPA 3.54 | Cum Laude (2017)

- B.S. Business Administration Management Information Systems
- Certificate Geographic Information Systems

Work Experience

Innovate!, Inc. Geospatial Web Developer

March 2018- Present

- He supports the design, development and maintenance of geospatial Web applications through concept, design, and implementation phases.
- Applications are developed using the GitHub version control system with an Agile/Scrum approach.

State of Montana DNRC Fire Assessment GIS Technician

August 2016 - November 2017

- Utilized knowledge of ArcGIS to collect, manage and process geospatial and tabular data.
- Demonstrated GIS proficiency by reviewing, producing, and editing geospatial data in Esri ArcGIS 10.X.
- Creating and working in geodatabases, and performing spatial analysis using integrated tools and utilities
- Data collection via direct contact with local, state, federal government partners and through Internet searches.

Geographic Information Systems Specialist- Trainee

July 2017-Aug 2017

- Remotely assist incident management teams with map products, data clean up, and ArcGIS Online (AGOL) support.
- Utilized technical skills to create a python script that increased efficiency
- Created and managed ArcGIS Web Service.
- Managed AGOL Web Map Applications that assisted in conveying wildfire activity in the region.
- Applied my cartographic skills to produce public facing maps to assist the Lolo National Forest Public Information Officers at public meetings.

State of Montana DNRC Management Information Systems Internship

January 2017 - May 2017

- Utilized Systems Analysis and Design skillset to assist DNRC with procuring a new content management system for the Fire Protection Assessment program.
- Analyzed the current content management system and determined the attributes that are essential to the function of the program, as well as established the needs and wants of the new system.
- Responsible for creating a request for proposal and outlining all of the necessary functions in the new content management system.
- Worked collaboratively DNRC IT to establish the appropriate platform in which the new system will reside.

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Esri Student Assistantship

July 2017

- One of 60 students worldwide to be awarded an Assistantship to attend the Esri International User Conference in San Diego, California in July 2017

Volunteer Experience

URISA | GIS Technician | Disaster and Humanitarian Relief

June 2017 - July 2017

The Global Polio Eradication Initiative is a public-private partnership led by national governments with five partners - the World Health Organization (WHO), Rotary International, the US Centers for Disease Control and Prevention (CDC), the United Nations Children's Fund (UNICEF) and the Bill & Melinda Gates Foundation. Volunteered my time to help digitize building points from high resolution imagery which aided in the preparation of the micro-plans for the vaccination campaigns in these areas

Software: Django, Jupyter Notebooks, ArcGIS Desktop, ArcGIS Online, Web AppBuilder for ArcGIS, ERDAS Imagine, GitHub, PostgreSQL, Microsoft SQL Server, QGIS

Languages: Python, TypeScript, JavaScript

Model Builder for ArcGIS Analysis,
Network Analyst,
Basics of Python,
Python Scripting for Geoprocessing Workflows,
Python Scripting for Map Automation