Luke Engbert

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Skills

- Excellent GIS Skills (4+ years combined, college and workforce)
- Strong python abilities
- Strong data analysis skills
- Experience in C++ and SQL
- Excellent communication skills and strong team player
- Extensive experience in Microsoft Office suite
- Excellent cartographic skills
- Quick learner and able to solve problems independently

Education

UNIVERSITY OF MARY WASHINGTON | 08/2016 – 05/2020

- Bachelor's, majored in Geography and minored in Data Science
- Certificate in GIS (2017-2020)
- ArcGIS (ArcMap and Arc Pro)
- Overall GPA: 3.2

OLD DOMINION UNIVERSITY| CURRENTLY ENROLLED

- Pursuing my M.S. in Data Science and Analytics
- Target end date: 12/2024

Experience

GIS DATA TECHNICIAN | PRINCE WILLIAM SERVICE AUTHORITY | 11/2020 – PRESENT

- Use ArcGIS (ArcMap 10.7.1 and ArcPro 2.7), work with tabular, raster and vector data daily
- Create water and sewer assets maps for Service Authority customers
- Use python to create efficient workflows, and update old workflows
- Edited and created multiple Standard Operating Procedures documents
- Maintain and update GIS web apps for the entire Service Authority daily
- Work in a highly team-based environment
- Designed standardized map template for customer maps that has been adopted division-wide
- Worked independently to design new water hydrant operations web dashboard for county use
- Provide GIS and data services and support to internal and external customers

GIS INTERN | PRINCE WILLIAM SERVICE AUTHORITY | 1/2020 – 11/2020

- Used ArcGIS (ArcMap 10.7.1 and ArcPro 2.7)
- Used Python scripts to maximize workflow efficiency in ArcMap via creation of new tools and models
- Transferred data from county hard copy plans to GIS
- Assisted in leading multiple division-wide sprints
- Updated and created numerous workflow process documents for posterity
- Maintained and updated GIS web apps for the entire Service Authority

PARK RANGER MAINTENANCE | WESTMORELAND STATE PARK | 4/2016 – 6/2020

- Conducted independent projects
- Underwent extensive OSHA training
- Underwent state vehicle operations and safety training