Robert W. Brown III

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Education

Rutgers University – New Brunswick   New Brunswick, NJ
Bachelor of Science Degree in Environmental Planning and Design   Jan. 2016
Certificate in Environmental Geomatics

Salem Community College   Carneys Point, NJ
Associate of Applied Science Degree in Sustainable Energy Technology   May 2012

Experience

City of Charlottesville – Neighborhood Development Services   Charlottesville, VA
GIS Analyst   May 2018 – Present
- Automate business processes using Python
- Develop, maintain, plan, and coordinate GIS data and metadata for Citywide Operations
- Perform data analysis on spatial and non-spatial data
- Create data visualizations for internal, external, and public consumption

City of Charlottesville – Public Utilities   Charlottesville, VA
Utilities Stormwater Technician   June 2016 – May 2018
- Developed, maintained, and coordinated GIS data and metadata for the Stormwater Utility
- Facilitated the department in the collection of the Stormwater Utility Fee
- Wrote python scripts to streamline resource intensive workflows
- Map stormwater infrastructure using Trimble GPS technology

Rutgers Cooperative Extension Water Resources Program   New Brunswick, NJ
Intern   Dec. 2014 – April 2016
- Created and managed spatial and non-spatial databases using ESRI products and MS Access
- Analyzed spatial data to provide empirical recommendations on various projects
- Provided GIS training and technical support to staff members
- Reviewed GIS and CAD products to insure accuracy

Skills

ESRI ArcGIS Software	Data Analysis	Data Visualization
Python	Pandas	Jupyter Notebooks
Git and GitHub	MS Office Suite	Web Editing