

Patricia E. Robinson

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| Objective | Results-oriented GIS Analyst with experience in database management and the use of GIS technologies to analyze, develop, maintain and improve maps and data sets. |
| Education | <p>University of Wisconsin-Madison Madison, WI M.S. in GIS & Web Map Programming, Expected December 2019</p> <p>Radford University Radford, VA B.S. in Geology, May 2015 (3.4 GPA) Minor in GIS Concentration in Environmental Engineering</p> <ul style="list-style-type: none">♦ Honors Society: Member, Sigma Gamma Epsilon♦ Academic Clubs: Member, Radford University Geological Society Member, Association of Engineering Geologist |
| Skills | Proficient with Microsoft Word, Excel, PowerPoint, ArcGIS, Python, SQL, Database Management, Adobe Illustrator & Photoshop |
| Experience | <p>Transit Analyst Greater Richmond Transit Company- GRTC, Richmond, VA 03/2017 - present I assisted GRTC with a system wide overhaul of their existing bus routes and stops. Currently my projects include: creating and maintaining an inventory system of all amenities & bus stops, completing installation guides for new or adjusted bus stops, overseeing contractors during installation of new stops, and utilizing ArcMap to perform analyses on ridership levels and/or socioeconomic data.</p> <p>Geochemistry Research Assistant Radford University, Radford, VA 05/2015 – 08/2015 I worked under Dr. Beth McClellan on her ongoing research project concerning the chemical composition of boninites. I was responsible for preparing laboratory samples then using a mass spectrometer to get readings of the trace amounts of elements found in each of the prepared samples and comparing it to standard samples using Excel.</p> <p>STEM Program Teaching Assistant, Geology Department Radford University, Radford, VA 07/2015 Summer Bridge is a week-long program that introduces high school aged girls to science, technology, engineering, and mathematics programs available at Radford University. I was responsible for teaching lectures, assisting the students with field work, and giving departmental presentations.</p> <p>Laboratory Assistant Novozymes, Salem, VA 05/2014 – 09/2014 I assisted the Greenhouse Department's scientists with bio agriculture related research surrounding microbial based crop production enhancers. I was responsible for product formulation, treating seeds, growth measurement projects, monthly titers and spore counts of current products, and filling orders to be shipped out to larger testing facilities.</p> |
| References | Available Upon Request |