

Ethan D. Reuse

Cell Phone: (804) 551-0668 | Email: creuse93@vt.edu | Permanent Address: 3110 Patterson Ave, Richmond, VA 23221

OBJECTIVE	Seeking a Full Time Position as a Data Management Specialist that will allow me to learn and benefit the employer and its' clients
EDUCATION	<p>Virginia Tech B.A. Geography (Geospatial and Environmental Analysis Track) May 2016 GPA: 3.38 In Major GPA: 3.66</p> <p>University of Wisconsin - Madison M.S GIS & Web Map Programming GIS (Completing online) 2016-2018</p>
COURSEWORK	Modeling in GIS Algorithms in GIS Principles of GIS Land Change Modeling in GIS Web Mapping Remote Sensing Intro to Python Intro to C++ Maps & Mapping Cartography
TECHNICAL SKILLS	ArcMap 10.4 ArcPy Python Basic C++ Basic SQL Arc Collector Erdas Imagine Modelbuilder Visual Studio Pictometry HTML Trimble GPS Microsoft Office ArcGIS Online LiDAR knowledge Workflow Manager CMD Scripting
EXPERIENCE	<p>Timmons Group GIS Technician Midlothian, VA December 2016 - Present</p> <ul style="list-style-type: none">• Member of a team that is created and collected GIS Data for all VDOT owned assets at rest areas in Virginia using ArcCollector• GIS Field worker assisting Civil Engineers inspecting guardrail terminals for VDOT's MASH standards <p>Chesterfield County Parks and Rec Sr. GPS/Mapping Technician Chesterfield, VA June 2016 – December 2016</p> <ul style="list-style-type: none">• Assisting the Parks and Recreation Department Planner in developing the Parks Master Plan for the future by studying demographic data and creating maps• Created a Park Finder App using ArcGIS Online that will be available to the public next year <p>Timmons Group GIS Intern Richmond, VA Summer 2015</p> <ul style="list-style-type: none">• Created improved maps of recreation and conservation areas for the Missouri Department of Conservation, editing data in ArcGIS to best mirror PDF maps given to Timmons Group by MDC.• Completed mobile data collection in Danville, VA by taking attributes and GPS location of each streetlight using a tablet with Arc Collector and a Trimble R1. <p>Center for Geospatial Information Technology at Virginia Tech GIS Technician Blacksburg, VA Fall 2014 – Fall 2015</p> <ul style="list-style-type: none">• Locating/geocoding vehicle crashes by studying official police reports and diagrams and assigning geographic descriptors to traffic crash records using a WMS server.

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Chesterfield County IST Dept. | GIS Intern | Chesterfield, VA | Summer 2014

- Improved 911 dispatching accuracy by moving commonplace points to correct locations and by creating a shipping center layer by digitizing the building parcels of the shopping centers in the countymap.mxd.
 - Improved accuracy of the Chesterfield County map by labeling rivers and streams in the countymap.mxd using quad maps.
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| A C T I V I T I E S

Running Club at Virginia Tech | Active Member | Blacksburg, VA | 2012 – 2015

Deans List | Member | Blacksburg, VA | Fall 2013, Spring 2014, Fall 2014
Spring 2015, Fall 2015

Treasurer of the College of Natural Resources Student Council | Member |
Blacksburg, VA | 2015 – Spring 2016