

Schuyler Williams

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Profile

A geographic expert with 4+ years experience in supervisory/management roles and GIS/computer programming development. Specializing in efficient communication solutions, web and application design and development, team coordination, and GIS analysis.

Experience

GIS Analyst - Continental Mapping Consultants

—Sun Prairie, WI - 2017-Current

- Develop python scripts which increased workflow speed by 700%
- Helped develop and revise geoprocessing workflow
- Developed tool to automatically handle 80% of a specific workflow task
- Invited to join QC team
- Analyze aerial imagery and perform geographic analysis
- Obtained Secret Clearance

GIS Developer - UW Sea Grant

—Madison, WI - 2016-2017

- Collaborate with Wisconsin State Cartographers Office
- Develop web mapping application
- Update existing application as well as design new functionality
- Design wireframes and implement new user experiences
- Manage project framework and design

GIS Lab Manager — Department of Forest and Wildlife Ecology

—Madison, WI - 2016-2017

- Communicating and resolving issues
- Oversight and training of all new hires
- Developed procedure for quality control of completed work
- Delegate and coordinate responsibilities
- Run monthly meetings
- Maintain lab website and develop mapping applications

GIS Ecological Technician — Department of Forest and Wildlife Ecology

—Madison, WI - 2015-2016

- Digitize and attribute land cover maps
- Responsible for updating progress map
- Create point and line features on georeferenced map images
- Work as a team to achieve efficiency and deadline goals

Waiter — The Grandview

—Lake Geneva, WI - 2015

- Responsible for serving and accommodating customer
- Worked as a team and self-managed on the patio dining
- Handled issues or concerns of the guest
- Multitasking and time-management in high demand situations

Student Supervisor — UW-Madison Union

—Madison, WI - 2014-2015

- Hired as custodial, promoted to supervisor within 3 weeks
- Responsible for shift reports and custodial workers
- Resolve issues that arise with custodial workers
- Light cleanup of offices and building where needed

Bus Person — The Grandview

—Lake Geneva, WI - 2010-2014

- Keeping customers happy and satisfied
- Aided coworkers responsibilities in high-demand times
- Organizing and maintaining appearance of restaurant
- Communicated to managers the needs of the customer, as well as finding solutions to those needs

Education

University of Wisconsin, Madison — B.S.

- Graduated May 2017 with a Bachelors of Science
- Dual Major in Cartography/GIS and Human Geography
- Coursework involved GIS spatial analysis, web development, computer programming, database creation and management, human geographic analysis, remote sensing analysis and procedures, research topics, and policy briefing
- Member of the Hooper's Sailing Club

Skills

Programming

- SQL, PHP, Python, HTML/HTML5, CSS/CSS3, Javascript, Java, AJAX, MySQL, ArcPy, NoSQL

GIS Software

- GDAL, OGR, Leaflet, Openlayers, Mapbox, Esri ArcGIS products, QGIS, Envi, PostgreSQL, GeoServer, MapServer, Google Earth

Computer Programs & Software

- Adobe Illustrator, Adobe Photoshop, Adobe Acrobat, GIMP, Inkscape, MS Office, AutoDesk Maya, AutoCAD, Microsoft OS, Mac OS, Linux