

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

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|--|---------------------------------|
| GIS Technician - Continental Mapping Consultants | —Sun Prairie, WI - 2017-Current |
| <ul style="list-style-type: none">• Develop python scripts which increased workflow speed by 700%• Provide support and guidance to team members• 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 |
| <ul style="list-style-type: none">• 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 |
| <ul style="list-style-type: none">• 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 |
| <ul style="list-style-type: none">• 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

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