Benjamin S. Antolin

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RELEVANT EXPERIENCE

Web Developer (Cartography)| January 2018- Present
Oregon State University Cartography and Geovisualization Lab, Corvallis, OR
- Create web maps platforms and story maps using JavaScript, CSS, HTML, and open source JavaScript libraries (e.g. Jquery, Leaflet, bootstrap, etc.).
- Convert existing GIS information to new or revised formats/models to meet the needs of the web map platform(s) to ensure data is usable and distributable. Verify data output meets needs of project. Troubleshoot and resolve database and data problems.
- Develop web mapping system specifications and review them with supervisor to ensure requirements are met. Design and implement effective and efficient interfaces. Recommend modifications to third party software to meet needs.
- Create a variety of web interactive maps (e.g., storymap, analytical map, etc.) using web based mapping software/platforms.
- Adjust settings and formats to maps generated to achieve results as identified by supervisor.
- Consult with other agencies or institutions to ensure output aligns with stakeholder expectations and needs. Makes adjustments as needed in consultation with supervisor.

Faculty Research Assistant/GIS Specialist| August 2017- Present
Oregon State University Extension Family & Community Health, Corvallis, OR
- Work closely with the Rural Communities Explorer managing faculty on data collection, management, and analysis
- Input and retrieval of data from original sources.
- Work collaboratively with program team to develop a plan for creating and managing the database.
- Coordinate data gathering, entry, and management from various sources
- Assist program team with developing quantitative data measures for inclusion in the database
- Assist program team with maintaining the data management system.
- Track reporting deadlines, interpret information, and respond to inquiries from program team and community partners.
- Maintain accurate records of information collected, summarize information obtained, and interpret results based on data.
- Work with program team to prepare technical documentation regarding data collection and reporting methodologies.

Assistant Policy/Data Analyst| May 2016-June2017
EWU Institute for Public Policy and Economic Analysis, Spokane, WA
- Create and maintain data sets collected from federal, state and local databases (U.S. Census, WSOFM, FBI, WASPC, WADOH, etc.)
- Collecting demographic, economic, education, environment, health, housing, public safety, agriculture and transportation data
- Update written and digital content for websites for projects managed by the Institute
- Assist in statistical analysis using correlation and regression techniques
- Execute, data retrieval, manipulation and entry daily

Teaching Assistant | September 2015-May 2016
EWU Department of Economics**,** Cheney, WA
- Tutored students in understanding economic concepts, models and materials presented in class
- Assisted economics professors with class materials, grading and monitoring examinations
- Provided support to Economics Professors by assembling of research materials, assembling of data and assisting in data analysis.

Beach Manager, Recreation Program Lead, Lifeguard Instructor | Summer 2009-2015
City of Seattle, Parks Department, Seattle, WA
- Managed and trained up to10 lifeguard on a daily basis
- Conducted mid-season and end of season reviews for direct employees and made recommendations accordingly
- Provided outstanding customer service to patrons of the Seattle lifeguarded beaches
- Implemented facility protocol, policies and procedures, provided lifesaving medical assistance as needed via American Red Cross
- Lead lifeguard, CPR and first aid training courses for the general public

EDUCATION

Master of Arts in Interdisciplinary Sciences (Computer Science, Geography, & Applied Economics) | **Expected** June 2020
Oregon State University, *Corvallis, OR*

Bachelor of Arts in Economics with Mathematics Option | June 2017
Eastern Washington University, *Cheney, WA*

Certificate in Geographical Information Systems (GIS)| June 2017
Eastern Washington University, *Cheney, WA*