STEPHEN R. NOVELLI

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PROFESSIONAL BIO

Continually developing professional who is passionate about creating user friendly web applications and intuitive application designs. Specializes in utilizing spatial data and analytics to develop GIS print media and web applications for an enhanced user experience. Global thinker who excels at communicating cross-functionally, with product consumers, or end-users. Skilled in working collaboratively, enhancing workflows, and meeting deadlines in a rapidly changing technological environment.

WORK EXPERIENCE

CITY OF EVERETT

ENGINEERING TECHNICIAN   08/2021 – Present

Utility Mapping team lead for converting Classic StoryMaps to ArcGIS StoryMaps, scalable web maps, and geospatial web apps. Leveraged Arcade expressions to enhance visualization and consumption of data for digital and print media.

- Developed schema and metadata for Capital Improvement Projects feature layers that align with enterprise GIS standards. Continually integrated and deployed data and graphics to the Capital Improvement Projects Exhibit Instant App to stay up to date with city wide projects.
- Maintained city bicycle route data layers and Web Maps to ensure the City of Everett bike routes StoryMap remained current with city wide assets.
- Improved accuracy of enterprise GIS data by utilizing ArcGIS Field Maps to locate, collect, and update utility assets in the field.

DOMINION ENERGY SOUTH CAROLINA

GIS ANALYST I   02/2021 – 08/2021

Primary contact for production support of internal GIS staff. Lead the project team in resolving network errors to achieve a completely clean Utility Network. Conducted training for ArcGIS Pro, Schneider Electric's Editor XI, and developed workflow standards. Increased editing productivity in ArcPro by configuring Feature Templates for commonly used assemblies and assets.

- Facilitated accurate gas network trace results for emergency shutdown by maintaining System Tier Subnetworks in the Utility Network.
- Corrected source data in the Geometric Network for seamless integration to a production environment that uses the Utility Pipeline Data Model and Utility Network in ArcPro.

GIS SPECIALIST II   01/2020 – 01/2021

- Performed user acceptance testing in the ArcPro development environment to ensure a successful transition to production.
- Assisted in project planning and implementation by utilizing Jira Software to manage lifecycle of tickets and track project tasks throughout the GIS conversion process.

GIS SPECIALIST I   11/2015 – 12/2019

- Digitized natural gas infrastructure from engineering as-builts into enterprise GIS.

PROFESSIONAL SKILLS

GIS | ArcGIS Pro | ArcGIS Online | GPS | ArcGIS StoryMaps | ArcGIS Web Apps | ArcGIS Maps SDK for JavaScript | Arcade
Front End Development | HTML | CSS | JavaScript | React.js | Bootstrap | Figma | Form Factor Design | Media Queries
Back End Development | MySQL | Node.js | Express.js | RESTful API
Operational | Git and GitHub | Heroku | CI/CD | Agile Framework | Jira Software | Project Planning & Implementation | Data Analysis & Visualization | QA/QC
Soft Skills | Effective Communicator | Teamwork | Adaptability | Bias for Action | Problem Solver | Creative | Resourceful | Think BIG | Ownership | Dive Deep

PROJECTS

Stephen Novelli Portfolio | https://snovelli-portfolio.herokuapp.com/ | https://github.com/snovelli1021/snovelli-portfolio
Summary | A collection of my experience and education with GIS and full stack web development.
Role | Sole author.
Tools | HTML | CSS | JavaScript | React.js | Bootstrap | EmailJS | Google Fonts | Node.js | Heroku

PROFESSIONAL DEVELOPMENT

Full Stack Web Development Certificate | University of Washington Professional and Continuing Education | Seattle, WA | 2022 – 2023

EDUCATION & HONORS

B.S. Geoenvironmental Studies & GIS Letter of Completion | Shippensburg University | Shippensburg, PA | 2011 – 2015
Provost Award for the College of Arts and Sciences | Shippensburg University | 2013 - 2014