**Stephen R. Novelli**

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**UX/UI Developer**

Passionate about developing web applications and refactoring digital media for an improved user experience. My unique education and professional skills provide a specialized background of being a front-end and back-end developer with hands on experience as an end user. Specialize in the MERN stack and front-end development. A global thinker with the ability to comprehend cross-functional integrations, effective and clear communicator, detail-oriented professional that works well collaboratively and successfully meets deadlines. Quick learner with the ability to handle frequently changing developments in a rapidly evolving technological environment.

**Education & Certifications**

**UW Coding Bootcamp Fullstack Web Development |** University of Washington | Seattle, WA | 2022

**B.S. Geoenvironmental Studies & GIS Letter of Completion |** Shippensburg University | Shippensburg, PA | 2015

*Provost Award for the College of Arts and Sciences* | 2013 – 2014

**Professional Skills**

HTML 5 | CSS | JavaScript ES6 | jQuery | Bootstrap | Git and Github | MongoDB | Express | React.js | Node | MySQL | Heroku | Insomnia CI/CD | Test Driven Development | Object Oriented Programming | Agile Framework | Form Factor Design and Media Queries | Jira Software | GIS Digital & Print Media | ArcGIS Online | ArcGIS Portal | ArcGIS Storymaps | ArcGIS web apps | ArcGIS Pro 2.5 | ArcGIS Desktop 10.X | ArcFM Editor XI | Google Earth | Project Planning & Implementation | Data Analysis & Visualization | Quality Control & Quality Assurance | Cross-Functional Teamwork & Collaboration | Windows PC |OS for mac | Android & iOS for Mobile

**Professional Experience**

**City of Everett**

***Engineering Technician* 08/2021 – Present**

Utility Mapping team lead for converting Classis Story Maps to ArcGIS StoryMaps, refactored enterprise web maps into scalable web apps for more proficient consumption of data. Authored new public facing feature services and map services for external viewers. Collaborated with internal departments to transition GIS data to an ArcPro environment.

* Indexed city record drawings and geotechnical reports using Laserfiche 11, georeferenced and digitized indexed files into GIS.
* Created sewer, water, and stormwater infrastructure in GIS and maintained data in tables.

**Dominion Energy South Carolina**

***GIS Analyst I* 02/2021 – 08/2021**

Primary contact for production support for GIS staff, Project Engineers, and ArcGIS Pro end users. Lead the project team for resolving utility network errors in a production environment, and developed workflow standards. Created analytical reports, presentations, and maps; engaged in continuous QA/QC of GIS data

* Team lead for ArcGIS Pro training, correcting Utility Network Errors, and maintaining System Tier Subnetworks.
* Corrected source data in the Geometric Network to align with the Utility Pipeline Data Model and Utility Network rules.
* Assisted development team on schema changes and metadata generation.

***GIS Specialist II* 01/2020 – 01/2021**

* Developed processes for data integration that would adhere to federal regulatory compliance.

***GIS Specialist I***  **11/2015 – 12/2019**

* Digitized natural gas infrastructure into enterprise GIS, and maintained data in tables.

**GIS Analyst I | Dominion Energy South Carolina** **2/2021 – 8/2021**

Served as the primary contact for production support of GIS staff, Project Engineers, and other ArcGIS Pro end users. Conducted training for ArcGIS Pro and Schneider Electric’s Editor XI. Engaged in a QA/QC effort in the production environment after the initial data migration. Appended datasets into production that did not initially migrate during conversion. Designed a Pro Project change control process for core project team utilizing Jira Software.

* Team lead for correcting Utility Network Errors, built Associations between customer meters and active customers, configured and maintained System Tier Subnetworks, and applied modifications to enterprise Pro Project to support end users.
* Developed templates that adhere to enterprise, industry, and general mapping standards for internal and external distribution.

**GIS Specialist II | Dominion Energy South Carolina 1/2020 – 1/2021**

Performed user acceptance testing in the ArcPro development environment. Technical lead trainer and point of contact on subject specific GIS for end users in gas departments. Lead the project team for resolving utility network errors in production environment and developed standard work flow processes.

* Corrected source data in the Geometric Network to align with the Utility Pipeline Data Model and Utility Network rules in preparation for software conversion to ArcGIS Pro 2.5.
* Lead internal training and developed workflows using the new ArcPro environment as a result of the GIS conversion.
* Cross-trained with Event Editor and Linear Referencing System to help assist and support the Transmission Integrity group.

**GIS Specialist I | Dominion Energy South Carolina** **11/2015 – 12/2019**

Created analytical reports, presentations, and maps; engaged in continuous QA/QC of GIS data. Provided customer service to gas business groups; worked with development team on schema changes and metadata generation. Digitized natural gas infrastructure into GIS. Participated in project planning and implementation for service line conversion and station build out within GIS.

* Aided project advancement by creating a process for adding services in GIS, resulted in better data quality and project completion.
* Served as the point of contact for questions or problems on subject specific GIS.
* Increased accuracy of GIS data by developing requirements for external contractors that meet regulatory compliance. Collaborated with additional internal business units to identify their needs.

-Education-

**Introduction to ArcGIS Pipeline Referencing** | ESRI | 2020

**Working with ArcFM – Train-the-Trainer** | Schneider Electric | 2020

**Editor XI Core Team Training** | Schneider Electric | 2019