



Austin W. Anderson

[linkedin.com/in/austinwanderson](https://www.linkedin.com/in/austinwanderson)

## Professional Experience

### **LEAD DEVELOPER, GROUND CLOUD (JULY 2021 - PRESENT)**

Software engineer in an Agile Scrum based development team responsible for developing new features and refactoring existing code using Python, JavaScript, and PostgreSQL.

- Analyzes project requirements to design and develop performant and secure API's and services in a Model-View-Controller architecture. Built components using best object-oriented-programming practices with frameworks including Django and Vue. Wrote automated tests using Pytest, Jest, and Vue-Test-Utils to ensure software reliability and compatibility.

- Works with team members to conduct code review using version control systems, perform root cause analysis of issues, and recommend software improvements. Routinely communicated with management to ensure timelines and specifications are being met accordingly.

### **GIS TECHNICIAN, CITY OF LAS VEGAS (JUNE 2016 - JULY 2021)**

Designed and developed public and internal facing production applications for GIS data analysis, ETL processing, and workflow automation. Utilized ArcGIS Pro, Server, and Online to perform analysis and serve spatial data through the development of web maps and services.

- Developed scalable programs and APIs in Python and JavaScript for enterprise-level job automation and asset management providing greater application uptimes and saving hundreds of hours managing repetitive ETL pipelines and monitoring tasks.

- Created, modified, and tested various existing GIS web applications and ETL processing scripts developed in Python and JavaScript using spatial software libraries and APIs including ArcPy and ArcGIS JavaScript API. Wrote complex SQL to retrieve, create, and transform GIS data.

## Projects

**GeoView Framework:** Allows for quick development of custom mapping applications based off a JSON configuration file and a recognizable mobile-friendly UI.

**AutoGIS:** Cloud-based data process automation, logging, and asset management tool used to manage increasingly complex data workflows and production application health.

More projects and links can be found at [austinwayneanderson.com/portfolio](https://austinwayneanderson.com/portfolio)

## Education

### **Western Governor's University**

Bachelor's of Information Technology, Software Development (August 2021).

## Skills/Certifications

**Development:** Python, JavaScript, Django, Vue, PostgreSQL, ArcPy, ArcGIS JavaScript API.

**Software:** ArcGIS Pro, ArcGIS Online, ArcGIS Server, PyCharm, GCP, Docker, Github.

**Certifications:** CompTIA A+, CIW UI Designer

## References

Please get in touch with me via the form on my website for references and contact information.  
Thank you!