



## Austin W. Anderson

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

### Professional Experience

#### OFFICE OF GIS, CITY OF LAS VEGAS (2016 - PRESENT)

Responsible for design/development of public and internal facing production applications for GIS data analysis, ETL processing, and workflow automation using Python, JavaScript, Node.js, MySQL, and other web technologies .

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

- Designed a web application that functions as a framework with integrated industry standard security for developing custom location-based mapping applications. It provides a quick way to enable information-driven decision making based on specific user workflows. Currently serving thousands of users through multiple production applications.

- Created, modified, and tested various existing GIS web applications and ETL processing scripts developed in Python. Improved performance of existing scripts by implementing code designed for a multithreaded runtime. Wrote complex SQL to retrieve, create, and transform GIS data.

- Used Google Cloud Platform technologies like App Engine for hosting complex applications, Cloud Run for serverless Docker containers, Cloud Functions for a variety of microservices, and Cloud Storage, Datastore, and Big Query for data processing.

### 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: 2020-

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

#### College of Southern Nevada: 2013-2015

Associate's of Information Technology, 3.4 GPA, Dean's List recipient.

### Skills/Certifications

**Development:** Python, JavaScript, GIS, SQL, HTML, CSS, GCP, Flask, Django, Node.js.

**Software:** Visual Studio Code, Esri's ArcSuite, Docker, Github, OAuth.

**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!