Contact

5026897169 (Mobile)

a.austin0119@gmail.com

(LinkedIn)

(Portfolio)

Top Skills

Permit-Applications

Permit-Compliance

OSP Engineering

Languages

French

Certifications

Web Development I

Software Development

Responsive Web Design

Aaron Austin

Network Engineering Consultant | Web Developer

Louisville, Kentucky, United States

Summary

Experienced GIS and Telecommunications Specialist with a strong background in fiber network design, permitting coordination, and geospatial analysis. Proficient in industry-standard GIS platforms including ArcGIS Pro, QGIS, IQGEO, and 3GIS, with extensive experience using tools like AutoCAD, Google Earth, and SPANS for accurate and efficient fiber design. Demonstrated success supporting major telecommunications companies by creating permitting packages and navigating regulatory requirements across the East Coast. Adept at integrating technical expertise with practical field knowledge to deliver scalable network solutions and ensure project compliance, efficiency, and accuracy.

Experience

Utilities One Group
OSP Permit Specialist November 2024 - Present (4 months)

Permitting and Approvals:

• Coordinate and obtain permits for OSP construction projects, ensuring compliance with municipal, county, and state regulations.

• Work with local agencies and utilities to resolve permitting issues and expedite approvals.

Make-Ready Estimates:

• Prepare accurate make-ready estimates, assessing required modifications to existing infrastructure for installation.

• Collaborate with engineering teams to ensure cost-effective solutions within project timelines.
Drafting and Design QC:
• Review OSP design documents to ensure accuracy, compliance with specifications, and alignment with permitting requirements.

• Collaborate with design teams to address discrepancies before submission.
Application Submissions:
• Submit and track permits, right-of-way access, and utility approvals, maintaining detailed records.

• Communicate with stakeholders about application status, addressing any issues promptly.

Client Communications:

• Serve as the main point of contact for clients regarding permitting, design, and project updates.

• Provide timely updates on project status, addressing concerns and maintaining strong client relationships.

Project Management Support:

• Assist with project planning, scheduling, and coordination of OSP construction projects.

• Monitor project progress to ensure adherence to timelines, budgets, and quality standards.

• Prepare project documentation, including timelines, reports, and updates.

Fibersmith

Network Engineering Consultant January 2024 - October 2024 (10 months) Remote

- Designs construction projects by studying project concepts, architectural drawings, and models.

- Prepares engineering design by collecting and studying reports, maps, drawings, blueprints, aerial photographs, and tests on soil composition, terrain, hydrological characteristics, and related topographical and geologic data.

- Determines project costs by calculating labor, material, and related costs.

- Confirms adherence to construction specifications and safety standards
by monitoring project progress, inspecting the construction site, verifying calculation, and placement.

- Prepare, submit, and obtain approval of environmental permit applications.

- Provides engineering information by answering questions and requests.

- Complies with federal, state, and local legal requirements by studying existing and new legislation, anticipating future legislation, enforcing adherence to requirements, and advising management on needed actions.

- Maintains project data and drawings.

- Contributes to team efforts by accomplishing related tasks as needed.

South Central Indiana REMC / Morphew Engineering Group

OSP Fiber Optic Engineer/ QA Analyst August 2020 - January 2024 (3 years 5 months) Remote

- Overseeing and completing 5000+ projects utilizing ArcGIS, ESRI, MapCom, Futura, and AutoCAD.

- Providing quality control, drafting and designing fiber optic layouts while providing FTTH Network Infrastructure connectivity.

Charter Communications

Controls Analyst I May 2020 - August 2020 (4 months) Louisville

- Analyzed mass outage data nationally.

- Created spreadsheets for reporting mass outage data.

- Ran over 300+ quality assurance checks to verify accuracy.

McKesson

Case Manager
January 2019 - February 2020 (1 year 2 months) Louisville, Kentucky

- Worked with different disciplines to provide cohesive care to patients.

- Took active role in patient and family planning process, detailing instructions and responding appropriately and effectively to question and concerns.

- Consulted with clinicians to devise and manage effective ongoing care plans for at-risk patients.

- Identified care needs of individual patients and coordinated responses based on physician advice, insurance limitations and procedural costs.

- Helped patients receive appropriate, high-quality care with reasonable results.

- Updated patient charts using iCMS with data such as medications to keep records current and support accurate treatments.

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Power of Design Group, LLC
Drafting Design Specialist April 2018 - November 2018 (8 months) Louisville, Kentucky

- Maintained current and accurate project documentation reflecting changes made to processes, testing and procedures.

- Read blueprints and schematics to correctly place equipment.

- Coordinated installation of all new users and relocations of existing users.

- Created designs and blueprints using AutoCAD/Microstation according to customer specifications, timelines and supply inventories.

- Created, printed and modified drawings in AutoCAD.

- Evaluated information provided by architects and system subcontractors and created accurate drawings according to measurements and specifications.

Rainbow Design Services, Inc.
Designer
January 2017 - April 2018 (1 year 4 months) Louisville, Kentucky Area

- Read blueprints and schematics to correctly place equipment.

- Responded to service requests during and after business hours.

- Worked closely with network administrators and server engineers to ensure quality service.

- Monitored network performance and provided network performance statistical reports for both real-time and historical measurements.

- Rendered schematics for over 500 designs in Microstation to produce 2D and 3D models.

- Consulted with architects, customers and vendors regarding project details, including scope, schedules and milestone dates.

- Created, printed and modified drawings in AutoCAD and Revit.

- Used computer-aided design software, including AutoCAD/Microstation to prepare blueprints.

- Collaborated with design and engineering staffs to solve AutoCAD and Microstation related issues.

- Managed drafting and design for over 500 projects from concept through delivery.

- Tracked team work hours and submitted documentation.

- Reviewed specifications to generate complex details of individual system components.

Education

Western Governors University
Bachelor of Science - BS, Computer Software Engineering · (September 2023 - October 2025)

Fern Creek High School
Business and Management, High School/Secondary Diplomas and Certificates · (2009 - 2013)