

SPENCER BECKFIELD

Philadelphia, PA

[linkedin.com/in/sbeckfield](https://www.linkedin.com/in/sbeckfield) | spencer.beckfield.org

Summary of Qualifications

A naturally curious and results-driven **project manager** with a passion for leveraging technology to solve complex problems. Combines a strong background in **GIS** and **data analysis** with proven experience in coordinating high-stakes telecommunications network deployments. Seeking a role that demands a blend of technical acumen, data analysis, project management, and a drive for innovation.

Professional Experience

Project Manager, Echostar Corporation, Philadelphia, PA | 2021-2025

- Served as project manager for the deployment of the **Boost (Dish Wireless) 5G network** in the Philadelphia market, overseeing the rollout of over 900 cell sites.
- Helped facilitate implementations of both **MNO and MVNO** systems for the Boost 5G rollout.
- Spearheaded cross-functional communication and coordination between multiple teams, including real estate, construction, engineering, and field operations, to ensure project milestones were met.
- Developed and maintained detailed dashboards and reports using tools like **Looker Studio** and **Tableau** to track project progress, identify bottlenecks, and inform key stakeholders.
- Coordinated management of inventory and purchase orders.
- Leveraged AI tools such as Google Gemini to improve productivity and streamline the process.

Summer Intern, Riviana Foods, Harrisburg, PA | Summer 2017, 2018

- Managed and updated product information within the Riviana inventory management system using **SAP**, significantly improving the quality of the data.
- Performed data cleanup by removing duplicate entries and reformatting existing records, improving data integrity and system efficiency.
- Improved the quality of the material master database by uploading and joining new information, ensuring the database was current, accurate, and dependable.

Summer Intern, Derry Township School District, Hershey, PA | Summer 2011, 2012, 2013

- Performed various IT tasks for my school district in high school.
- Responsibilities included system and network troubleshooting, setting up student and teacher workstations, imaging computers, and installing network equipment.

- Took an active role in assisting teachers and administrators with technical problems.

Education

University of California, Santa Barbara | Graduated 2020

- Bachelor of Arts in Geography, emphasis in Geographic Information Science (GIS).
- Capstone Project: [“5G in Underserved Areas of California”](#)
 - Analyzed data from the FCC National Broadband Database to identify areas in California that lacked traditional wireline broadband service.
 - Utilized GIS techniques to select optimal tracts for potential 5G fixed wireless expansion.

Technical Skills

- **GIS Software:** QGIS, ArcGIS Pro, ENVI, GeoDa, Leaflet.
- **Data Analysis and Visualization:** Looker Studio, Tableau, R, IBM SPSS.
- **Programming and Scripting:** Java, Python, BASH, Visual Basic.
- **Databases:** MySQL.
- **Operating Systems and Cloud Platforms:** Linux (including AWS, Google Cloud), Windows.
- **Enterprise Systems:** SAP, NexsysOne.
- **Productivity Suites:** Microsoft Office, LibreOffice, Google Application Suite (especially Sheets).
- **AI Tools:** Google Gemini, ChatGPT, Ollama, NotebookLM.
- **Web Content Management Systems:** WordPress, MediaWiki.