**Esther Lowe**

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<https://github.com/ELLowe>

Seeking employment utilizing data science, data analysis, programming, and statistical analysis skills.

**Education:**

Northwestern University Graduate Studies, Chicago, IL

Data Science Bootcamp Certification (October 2019 Completion Date)

BA, Colorado College, Colorado Springs, CO

Minor in Applied Mathematics

Gale Academy, Statistics Certification

Pikes Peak Community College, Chemistry II

**Work Experience:**

12/18-5/19 Shift Manager, Walgreens & Pharmacy Technician, Skokie, IL.

Managed multiple shifts at a Walgreens store. Responsibilities included managing staff of six employees, inventory control, computer and network troubleshooting and repair, and customer relations. Conducted employee training. Certified Pharmacy Technician with HIPPA compliance.

5/13-11/18 Homeschool Teacher and Tutor, Sustainable Community, Boulder & Manitou Springs, Colorado. Taught primary and secondary school subjects, including mathematics, agriculture, and science classes for home-schooled students. Prepared teaching materials and homework assignments, met with parents and other faculty. Kept records and created classroom project and field trips. Planned and created student gardens on a five-acre property to teach sustainable living and agriculture.

**Programming Languages and Tools:**

Programmed in, Python, VBA/Excel, PostgreSQL, JavaScript & HTML/CSS languages.

Employed procedural tools including Pandas, MatPlotLib, Gmaps, JSON, & SciPy in Jupyter Notebooks.

Utilized various programming tools including Command Line, Visual Studio Code, Data Modeling and analysis with Microsoft Excel, Sage, Wolfram Alpha Mathematica, have done technical writing as well.

**Projects (visit** [**https://github.com/ELLowe**](https://github.com/ELLowe) **for a complete list of Bootcamp projects):**

Projects included Big Data analysis employing database of API calls, big data in the cloud, large .csv file comprehension, and extracting as well as cleaning government data.

Performed data science including statistical data analysis, graphical visualization, and geo-mapping. Created pivot tables and VBA excel programs for ongoing data manipulation and generated reports.