



# Christian Little

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## PROFILE

I am a Data Analyst with over two years of practical experience creating machine learning models, conducting data exploration, analysis, and developing visualizations. I specialize in transforming complex datasets into actionable insights and finding solutions to challenging data problems. I have training and experience working in both R and Python as well as experience in data management and data analysis workflows.

Thank you for your time reviewing my resume and be sure to check out my Github!

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## WORK EXPERIENCE

### Data Analyst

**Cell Tech Inc**

⌚ 10/2022 – present ⚖ CHANTILLY, VA, UNITED STATES

- Facilitated the implementation of a Just-In-Time business model by integrating inventory records, success/fail rates, and historical data using the Prophet Model to predict seasonal trends and pre-order requirements within a standard deviation of 5%, increasing overall production efficiency by 15%.
- Created a profit/loss dashboard using Seaborn by identifying and utilizing key indicators and correlations between multiple datasets, including team member success rates and product specifications. This enabled senior leadership to direct business decisions in the most impactful direction.
- Conducted ad hoc data mining in a proprietary database, as well as data enrichment from multiple open-source datasets. Then, using dimensional reduction and clustering techniques like PCA and HDBSCAN, developed models to identify correlations between customer trouble tickets and actual repair outcomes, enabling 20% faster diagnosis and repair times.

### Data Scientist

**Sigil Analytics (Part Time)**

⌚ 01/2024 – present

- Developed and integrated data ingestion pipelines on Google Cloud Platform (GCP) to efficiently label and process large volumes of structured and unstructured data, enabling downstream machine learning analysis and feature optimization.
- Implemented data cleaning and validation procedures to ensure the accuracy and consistency of data while directly supporting reliable classifier development and anomaly detection models.
- Utilized Python, SQL, and advanced language models (LLMs), along with a combination of logistic regression and clustering techniques, to develop a near real-time automated reporting and alerting system that presented critical Key Performance Indicators (KPIs) to decision-makers.

## EDUCATION

### Data Analytics | Professional Certificate

Google (Coursera)

⌚ 03/2022 – 09/2022

### Cluster Analysis in Data Mining | Certificate

Coursera

### Python for Data Analysis | Certificate

Coursera

### Exploratory Data Analysis with Python and Pandas | Certificate

Coursera

### Python for Data Visualization: Matplotlib and Seaborn | Certificate

Coursera

### Film | Associates

Webster University

⌚ 05/2014 – 12/2017 ⚡ ST. LOUIS, UNITED STATES

Film Television and video production undergraduate program.

## SKILLS

### ① PROGRAMMING LANGUAGES

SQL

R Programming

Python

### ① SOFTWARE

Jupyter Notebook /  
Jupyter Lab

Google Big query (Google  
Cloud Platform)

Tableau

R Studio

Microsoft Excel

### ① DATA ANALYSIS PACKAGES

Pandas

Matplotlib / Seaborn

Folium (Python  
geographic plotting  
library)

Numpy