

Martin Carriel

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GitHub: github.com/ambientstl | Portfolio: ambientstl.github.io

Full-stack developer utilizing Python, database management software (SQL and NoSQL), and web development software to produce actionable analysis with clarity and creativity. Communicates complex ideas to people thoughtfully and succinctly. Actively seeking a junior or entry level software engineering role or web development position utilizing current / new technologies to continue to grow within technology.

Projects:

Travel Agency Database

Co-Creator/Developer

<https://github.com/ambientstl/Travel-Agency-Database>

Combined Airbnb and forecast data to inform travelers looking for nice weather and affordable places to stay. Used Python and Pandas to extract and transform data, then load to an SQLite database.

Missouri Commuter Analysis

Team Lead/Developer

<https://github.com/Apietroburgo/Project1Git->

Analyzed Census data on commute types per county in Missouri. Used Python and Pandas to extract and transform the data and Matplotlib and Google Maps API to visualize our analysis.

Underground Music Genre Analysis

Creator/Developer

<https://github.com/ambientstl/Underground-Music-Project>

Analyzed data scraped from an underground music blog. A Flask RESTful API that serves up data from an SQLite database to create web visualizations.

Technical Skills:

Databases: SQLite, MongoDB, MySQL

Tools: Flask, Pandas, SQLAlchemy, D3.js, Matplotlib, Plotly, Leaflet, Excel, Git, Office Suite

Languages: Python, SQL, NoSQL, HTML, CSS, JavaScript, VBA, R

Continued Learning:

Currently enrolled in the SavvyCoders full stack web dev bootcamp learning JavaScript, HTML5, CSS3, Firebase (backend JS framework), UI/UX, GitHub, Trello for project planning and working towards completing Agile Certificate.

Experience:

Ship Clerk (2017-2019)

Brand Addition - St. Louis, MO

- Best New Member 2017
- Three-time nominee for Employee of the Month for working extra hours around holidays, satisfying increased customer demand
- Offered Team Lead position after one year of employment

Education:

Data Analytics Certification Program

Washington University - St. Louis, MO

A 24-week intensive program focused on gaining technical programming skills in Excel, Python, MySQL, MongoDB, HTML, CSS, and JavaScript and training toward big data and machine learning software.

Bachelor of Arts, Sociology

Illinois Wesleyan University - Bloomington, IL