

Dominic Apolo

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🖱 dom2dev.pythonanywhere.com/ 🔄 github.com/dom2polo in linkedin.com/in/dominic-apolo

Education

08/2020 – 05/2024
St. Cloud
St. Cloud State University
B.S. Computer Science

Professional Experience

05/2022 – 12/2022
Chanhassen, MN
Software Engineer Intern
Emerson

- Key contributor in a change request team, executing 20+ requests.
- Enhanced inter-departmental communication for successful project goal attainment.
- Implemented vital enhancements to software stations and machine parts' codebase using MSSQL and C#.
- Led seamless integration of new functionalities and conducted rigorous API-based testing.

Skills

Programming Languages:

C++, SQL, Python, R,
JavaScript, C#, HTML

Tools and Technologies:

Github, VS Code, Posit,
MSSQL, Excel, PowerPoint,
Jupyter, API

Key Skills:

Data-driven, Adaptability,
Collaboration, Data
Management, Data Mining

Projects

09/2023
Weather Application 🔗
HTML, JS, CSS, GoogleAPI

- Implemented Weather App for easy weather access.
- Integrated OpenWeatherMap API for reliability and precise data delivery.
- Enhanced user experience with an intuitive interface for quick and easy access to relevant weather details

10/2023
Sleep Pattern Analysis 🔗
Posit, R

- Utilized R Markdown in Posit for analyzing college students' sleep patterns.
- Generated insightful ggplot visualizations.
- Established a reproducible data analysis workflow with R Markdown, fostering collaboration and transparency.

12/2023
Urban Traffic Analysis 🔗
MSSQL, Python, Flask, Folium

- Collaborated on SQL queries for data analysis.
- Developed a Flask-based client/server architecture for event search.
- Utilized Folium for real-time map visualization, highlighting specific routes and links.