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SUMMARY

I graduated from Western Governors University (WGU), earning a Bachelor of Science in Computer Science, and receiving multiple "excellence awards" for my coursework. I am also CompTIA Project+ certified and have experience working in a team.

EDUCATION

Bachelor of Science, Computer Science

Western Governors University · Salt Lake City, Utah · 2024

- Multiple machine learning, SQL, and Java courses.
- "Excellence Awards" given for exceptional work.

CERTIFICATIONS

CompTIA Project+

CompTIA · 2023

- Covers industry-standard project management principles, with an emphasis on software projects.

SKILLS

Programming: Java, C++, SQL (primarily MySQL and SQLite), Python, HTML/CSS, and JavaScript.

Training: Ranging from tutoring fellow students in programming courses to training new employees.

CODING PROJECTS

Sales Quantity Predictor

- Created using Python, Jupyter Notebooks, and Markdown. To view an online version of this project on Kaggle, [click here](https://www.kaggle.com/code/thomas1421532234325/sales-predictor-demo) or visit this URL: <https://www.kaggle.com/code/thomas1421532234325/sales-predictor-demo>
- Uses a random forest regressor machine-learning model to analyze a comma-separated values (CSV) file of automobile sales data, then predicts up to 12 months of future sales quantities.
- Generates 3 graphs that communicate sales trends and visualize the machine-learning model's predictions.

Schedule Manager Application

- A Java program that communicates with an SQL database of saved employees and shifts, then uses that data to generate 3 employee schedules, all through a graphical user interface (GUI).
- Includes support for changing table colors, editing data, and automatically adapting to the current date.
- **Sold to Cantler's Riverside Inn in 2020.**

EXPERIENCE

Menu Designer

Cantler's Riverside Inn (Remote Work)

October 2021 – October 2023, Annapolis, Maryland

- Researched, designed, and developed multiple full-service dining and bar menus based on business trends. Each order contained 300 to 400 menus, depending on the restaurant's seasonal needs.
- Regularly led meetings with the management team of the restaurant to determine menu requirements and discuss design revisions.
- Designed and delivered up to 5 new section charts (table layouts, table numbers, which table belongs to which section, etc.) per season.

Freelance Development and Self-Study

No Company

March 2020 – November 2022, Annapolis, Maryland

- Completed hundreds of hours of self-study.
- Finished 11 personal projects, including the schedule manager application described in the "coding projects" section.
- Developed and sold a schedule management application to Cantler's Riverside Inn. The application enabled the automated generation of charts for hourly worker shifts, reportedly saving 5 hours per week and increasing profitability by 23%.

Various Positions Including Server, Trainer, and Expediter

Cantler's Riverside Inn

July 2012 – March 2020, Annapolis, Maryland

- Prepared food while adhering to regulatory safety and sanitation requirements.
- Trained 14 new employees for various positions.
- Supervised 4 kitchen cooks and functioned as a liaison between the kitchen and front-of-house staff.