Gabriel Z.

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Education

Google Coursera	**Homestead FL.**
Data Analytics	GPA 4.0
Zero to Mastery Bootcamp	**Remote/Online**
A.I. Engineering and Data Science	GPA 3.8
Miami Dade College	**Homestead FL.**
Computer Science B.S.	GPA 3.0

Work Experience

UF — **Homestead FL.**
Computer Science Intern — May 2022 - June 2024

- Developed and implemented software and computer systems to support agricultural research and experimentation.
- Collaborated with lab majors in agriculture to design software solutions addressing research needs.
- Collected and managed agricultural data, including plant growth, weather, and soil composition data.
- Utilized programming languages such as Python, Java, and R to develop and maintain software tools for data collection, analysis, and reporting.
- Integrated sensor data, IoT devices, and other technologies into agricultural research processes.
- Communicated technical concepts to non-technical stakeholders to ensure software and data solutions met their needs.
- Participated in lab meetings, providing technical input and expertise to support ongoing research.
- Stayed updated with the latest technologies and best practices in computer science and agriculture to improve software and data solutions.

O'Reilly Auto Parts — Homestead, FL
Sales Associate — *June 2020 - December 2020*

- Assisted customers with product selection, demonstrating in-depth knowledge of automotive parts and accessories.
- Analyzed sales data to identify trends and optimize product displays, resulting in a 15% increase in sales.
- Managed inventory, ensuring accurate stock levels and timely reordering of products.
- Utilized the POS system to process transactions, track sales, and generate reports.
- Collaborated with team members to meet and exceed sales targets, contributing to store's overall performance.
- Provided excellent customer service, addressing and resolving customer inquiries and issues promptly.

Skills & Interests

- **Programming Languages:** Python, R, SQL, Java
- **Data Tools:** Tableau, Excel, Spreadsheets, Jupyter Notebooks
- Analytical thinking and problem-solving
- Attention to detail and accuracy
- Effective communication and collaboration
- Adaptability and flexibility
- Time management and organizational skills
- Continuous learning and improvement mindset

Projects

Case Study: Bike Share Company

- Conducted an in-depth data analysis project on a bike share company, focusing on usage patterns, peak times, and user demographics.
- Utilized SQL to analyze large datasets and derive actionable insights.
- Created visualizations using Tableau to present findings to stakeholders.
- Recommendations from the study led to a 10% increase in bike utilization rates during peak hours.

Volumetric Water Content Analysis, University of Florida Agroecology Department

- Analyzed volumetric water content data to support agricultural research.
- Utilized R for data cleaning, analysis, and visualization.
- Integrated sensor data to monitor soil moisture levels and provided actionable insights for irrigation optimization.
- Presented findings to the department, contributing to improved water management practices in agricultural research.