

MCKAY NIELSON

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OBJECTIVE

Recent Computer Science graduate transitioning from sales to software engineering. Proficient in Python, Java, and JavaScript with practical experience in developing and maintaining codebases. Demonstrates strong problem-solving and collaborative skills, ready to contribute to designing, debugging, and shipping high-quality software applications.

EDUCATION & CERTIFICATIONS

Western Governors University

Bachelor of Science, Computer Science

Aug 2024

WORK EXPERIENCE

Sherwin-Williams

Sales Associate

2025 - Present

- Mentored and trained new employees to become effective contributors to the sales team.
- Worked collaboratively to meet tight customer deadlines and provide tailored solutions.
- Played a key role in maintaining high customer satisfaction and operational efficiency.

PROJECTS & EXPERIENCE

Machine Learning Application

2024

- Demonstrated ability to handle end-to-end ML workflows including data preprocessing, model training, and deployment.
- Python and scikit-learn were used to code a supervised learning algorithm that classified player behavior as cheater or non-cheater.
- Jupyter Notebook served as the deployment environment, providing a simple front-end interface for model interaction and user testing.

Customer Relationship Management App

2023

- JavaFX, structured with the Model-View-Controller (MVC) design pattern, was used to build a fully functional CRM application with clearly separated logic, UI, and control layers.
- FXML, along with JavaFX's ObservableLists, was used to create a responsive, user-friendly front-end that enabled dynamic editing of customer and appointment data.
- Integrated a MySQL database to store and retrieve customer records, enabling persistent data management.

SKILLS & LANGUAGES

- **Professional Skills:** Detail-Oriented, Problem-Solver, Collaborative, Mentorship & Training, Customer-Focused
- **Programming Languages:** Python, Java, JavaScript, C++, SQL, MySQL, PostgreSQL, HTML, CSS
- **Frameworks & Libraries:** JavaFX, React, Angular, FXML
- **Tools & Technologies:** GitHub, SDLC, MVC Architecture, Web Development
- **Machine Learning & AI:** Supervised Learning, Logistic Regression, Model Deployment, Data Preprocessing

CERTIFICATION

- PeopleCert
MAR 2024
ITIL Foundation Certificate in IT Service Management
- CompTIA
DEC 2022
Project+ Certification