

Robert Schofield

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EDUCATION

Georgia Institute of Technology
Masters of Science in Computer Science

Atlanta, GA
Expected Aug. 2027

Western Governors University
Bachelor of Science in Computer Science

Salt Lake City, UT
Dec. 2024

EXPERIENCE

Developer

Dec. 2022 - Present

Costco Wholesale

Miami, FL

- Built scripts using Python to automate compliance checks, reducing audit preparation time by 40%
- Built and maintained automated reporting tools with Microsoft Power BI and SQL, improving operational efficiency by 15%.
- Designed and implemented a RESTful API in Python for seamless integration between inventory systems and scheduling platforms, reducing manual entry errors by 20%.

IT Tech Supervisor

Aug. 2020 - Dec. 2022

Costco Wholesale

Miami, FL

- Worked in Citrix Workspace(UKG) via thin client to assign daily, weekly and period tasks.
- Managed Microsoft Power BI applications that inter-operate with data warehouses and other BI solutions.
- Maintained upkeep of computers, register equipment, and server equipment.

Supervisor

Nov 2012 – Aug. 2022

Costco Wholesale

Miami, FL

- Supervised a team of 60 employees in daily operations, ensuring adherence to company policies, procedures, and standards.
- Trained and mentored new staff members, improving team productivity and maintaining high service standards.
- Implemented a data-driven scheduling approach based on historical sales patterns and forecast demand, which reduced labor costs by 10% without compromising customer service, effectively balancing staffing needs with budget targets.

PROJECTS

Inventory Management System | *Java, JavaFX, PostgreSQL*

- Inventory management system with input validation, as well as inventory modification. Written in Java, with JavaFX, utilizing a PostgreSQL database

Appointment System | *Java, JavaFX, MySQL, JDBC, Maven*

- A Java application that manages appointments, customers, and contacts using a MySQL database.

Delivery Optimization | *Python, Hash Table, CSV, CLI*

- Package delivery optimization system for the Parcel Service (PS) that integrates data from CSV files, utilizes a hash table for efficient package retrieval, calculates optimal delivery routes to minimize mileage, and enables real-time tracking and user queries for package status.

TECHNICAL SKILLS

Languages: Python, C++, Java/JavaFX, postgres(SQL), Javascript, PHP, AIML, TypeScript, CSS/HTML

Frameworks: React, Node.js, JUnit, StreamLit, Tailwind CSS

Developer Tools: Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Vercel, Jupyter Notebook

Libraries: pandas, NumPy, Matplotlib