

William Orbach Jr.

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🐙 github.com/Worbach 🔗 <https://personal-portfolio-phi-one.vercel.app/>

👤 PROFESSIONAL PROFILE

Recent Software Engineering graduate with robust academic experience in full-stack and mobile application development. Proficient in Java, JavaScript, and Python, with a strong foundation in agile methodologies, software design, and data management. Demonstrated ability to build scalable, user-centric solutions through rigorous academic projects and hands-on coursework. Eager to leverage technical expertise and innovative problem-solving skills in a professional setting to contribute to dynamic development teams.

📁 PROJECTS

Vacation Scheduler Android Mobile Application

- Developed a robust Android application for vacation and excursion management.
- Engineered full CRUD functionality for vacations and excursions, leveraging the Room Framework and SQLite for reliable local data persistence.
- Designed intuitive, multi-screen interfaces with detailed views, alerts, and sharing capabilities, ensuring a user-centric experience.
- Enforced strict input validation and deployed a signed APK for all Android 8.0+ devices.

Vacation Booking Application

- Re-architected a legacy travel bookings back end by creating a modern Spring Boot application integrated with MySQL, delivering efficient data management and RESTful APIs.
- Structured the codebase into modular packages (controllers, entities, dao, services, config) to facilitate maintainability and scalability.
- Implemented a checkout controller for processing vacation orders, along with comprehensive validation logic to support front-end integrations.

Scooter Inventory Management Web Application

- Designed and developed a scalable inventory management system using the Spring Framework with a Java back end and custom HTML/CSS front end.
- Customized the UI to showcase shop branding, detailed product listings, and part information, while integrating an “About” page with seamless navigation.
- Engineered sample inventory logic to prevent duplication and implemented a dynamic “Buy Now” feature that accurately updates stock levels.
- Developed robust inventory validations and unit tests, ensuring data integrity and a clean codebase.

🎓 EDUCATION

Bachelor of Science in Software Engineering, Western Governors University

Salt Lake City, UT

Subjects addressed include Front-end Web Development, Cloud Foundations, Data Structures and Algorithms, Back-end Development, Software Design, Quality Assurance, Java Frameworks, and Data Management.

Associate of Arts and Sciences in Allied Health, Middlesex College

📜 CERTIFICATES

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|---------------------------|-----------------------------------|------------------------------------|
| • ITIL v4 Edition | • Professional Scrum Master PSM 1 | • Google IT Support Professional |
| • Tableau Creator | • Break into Tech Data Analytics | • AWS Certified Cloud Practitioner |
| • WGU Front-end Developer | • WGU Back-end Developer | |

🧠 SKILLS

Software Application Experience — AWS, Git/GitLab/Github, JIRA, Android Studio, Tableau, Salesforce, Slack, Microsoft Office Suite, SQLite

Software Development — JavaScript, Java, Spring Framework, Python, HTML, CSS, MySQL, Spring Data JPA, Lombok, REST

Environment — Windows, Mac OS, Linux, Android/iOS

🏢 PROFESSIONAL EXPERIENCE

TopGolf, Bayhost & Event Ambassador

Mar 2020 – present

IBuy UCell, Electronics Procurement Salesman

Oct 2018 – Mar 2020

Computer Generated Solutions, Tech Support Associate

Jan 2018 – Jun 2019