

Moriah D. Bender

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PROFESSIONAL SUMMARY

Computer Science graduate (May 2026, Software Engineering track) with a strong foundation in Java and C++ and hands-on experience building full-stack, backend-integrated, iOS, and software reliability projects. Experienced with REST APIs, real-time communication, automated testing, object-oriented design, and collaborative Git workflows.

EDUCATION

Towson University

B.S. Computer Science (Software Engineering Track).

Towson, MD

May 2026

Harford Community College

A.S. Computer Science.

Bel Air, MD

Aug 2024

EXPERIENCE

Senior Recruiter, Talent Acquisition Specialist

July 2017 - Dec 2021

Bankers Life

Joppa, MD & Remote

- Managed candidate pipelines across multiple office locations and screened applicants for roles across offices nationwide.
- Partnered directly with managers and offices as a business and talent consultant, coordinating hiring needs and maintaining cross-functional relationships.
- Worked independently in a high-accountability, client-facing environment requiring organization, communication, prioritization, and professional judgment.

PROJECTS

Spark, Real-Time Dating App github.com/jashadev42/Spark-Dating-App

Aug 2025 - Dec 2025

Frontend Developer

- Developed matchmaking, profile, and chat interfaces using React 19, TypeScript, Tailwind CSS, component-based architecture, and React Router.
- Integrated Socket.io WebSocket communication for real-time matching and live chat with a Python FastAPI REST API and Supabase phone OTP authentication.
- Collaborated in a five-person team using Git/GitHub branches and pull requests to integrate frontend and backend work.

TU RideShare iOS App github.com/jumokeomoshebi3/TU-Ride-sharing-App

Aug 2025 - Dec 2025

Software Engineer

- Built a full-stack campus ridesharing iOS application in Swift/SwiftUI and contributed to Node.js/Express backend integration, supporting rider and driver modes with live ride matching.
- Integrated MapKit and CoreLocation for real-time GPS tracking, location-aware interactions, and animated map annotations.

Flaky Test Prediction github.com/moriahbndr/Flaky-Test-Prediction

Jan 2026 - May 2026

Software Engineer / ML Researcher

- Built an end-to-end software test reliability pipeline to identify flaky Java tests without repeated reruns, combining feature extraction, model training, validation, and evaluation.
- Engineered 40+ features across two open-source Java test datasets using static naming patterns, run-history statistics, and test smell indicators.
- Designed four comparative experiments with 10-fold stratified cross-validation and evaluated precision, recall, F1, Brier score, misclassification cost, and cross-project generalizability.

Playlist Manager

Aug 2023 - Dec 2023

Java Software Developer

- Built a Java playlist management application with CRUD operations, object serialization for persistent data, and custom comparators for multi-field sorting.
- Applied object-oriented design with interfaces and inheritance, plus exception handling and input validation to protect application state.

SKILLS

Languages: Java, C++, Python, TypeScript, JavaScript, SQL, Swift, C, HTML, CSS, Assembly

Frameworks & Libraries: React, Node.js, FastAPI, SwiftUI, Tailwind CSS, scikit-learn, XGBoost, Pandas, NumPy

Tools & Platforms: Git, GitHub, MySQL, Supabase, REST APIs, Socket.io, Linux/Unix, Jupyter Notebook, Xcode

Testing & Methodology: Automated Testing, Unit Testing, JUnit, pytest, Agile/Scrum

Concepts: Object-Oriented Design, Data Structures & Algorithms, Full-Stack Development, Software Testing & Quality Assurance, MVVM Architecture