

Armand Bashige

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EDUCATION

Augsburg University

Bachelor of Science in Computer Science, Minor in DST and Math GPA: 3.45

Minneapolis, MN

Aug. 2022 – May 2026

Relevant Coursework:

Data Structures and Algorithms, Data Science, Web Apps and Databases

EXPERIENCE

Machine Learning Researcher

May 2025 – Aug. 2025

Augsburg University

Minneapolis, MN

- Applied ensemble learning models (Bagging, Boosting, Voting) and improved predictive accuracy by 18% on ecosystem dataset
- Reduced data noise and missing values by 62% through preprocessing, imputation, and normalization methods
- Benchmarked ensemble vs. DP models, optimizing computational efficiency and achieved 20% faster training.

Supplemental Instructor (Java & Python)

Aug. 2025 – Present

Augsburg University

Minneapolis, MN

- Boosted student performance by 25% through coding sessions focused on algorithmic logic, and debugging.
- Led weekly workshops for 30+ students, reinforcing Java and Python concepts and problem-solving confidence.
- Collaborated with faculty to design exercises that improved course retention and engagement by 20%

Technical Assistant

Sep. 2024 – Present

Augsburg University

Minneapolis, MN

- Resolved 95% of technical issues on first contact, providing fast, user-focused IT support for students and faculty.
- Configured and maintained 30+ devices weekly, ensuring smooth operations across university systems.
- Assisted over 400+ new students with account setup and activation, ensuring seamless onboarding to the system

PROJECTS

Full-Stack Campus Navigation System | Python, Flask, React, PostgreSQL

Jul. 2025 – Sep. 2025

- Developed a full-stack web application using Flask serving a REST API with React as the frontend
- Integrated OpenRouteService API for real-time routes accessible by simply clicking building names, enhancing ease of use for students.
- Optimized backend and database performance, improving route-loading speed and ensuring system reliability.

Decentralized Raffle dApp | Solidity, Chainlink VRF, Truffle, Git

Jun. 2024 – Nov. 2025

- Designed and deployed Solidity smart contracts on Polygon using Truffle and Chainlink VRF.
- Developed a React frontend and integrated Web3.js/ethers.js to allow users to connect wallets & create raffles.
- Implemented full raffle lifecycle logic with real-time on-chain event listeners, improving system reliability

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow

Jan 2025 – Present

Career Preparation Fellow

Washington, DC

- Accepted into a selective 18-month professional development program for high-achieving diverse talent
- Complete business case studies and assignments to grow leadership and technical skills
- Attend conferences hosted by industry leaders such as Deloitte, LinkedIn, and Target

TECHNICAL SKILLS

Languages: Java, Python, SQL (Postgres), JavaScript, HTML/CSS, R

Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib