

Alymuhammad Bijani

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EDUCATION

Washington University in St. Louis

St. Louis, MO

Bachelor of Science in Computer Science, Data Science, GPA: 4.00

Awards: Boeing + Deloitte Scholar, Chancellor Fellow, JKCF Scholarship (55K), Questbridge Scholar (Full Ride)

Coursework: Analysis of Algorithms, Object Oriented + SWE Lab, Full-Stack, Data Structures + Algorithms, Linear Algebra

TECHNICAL SKILLS

Programming Languages: Java, Python, HTML, CSS, JavaScript, C++, PHP, MySQL, R, React, Spring Boot, Angular, H2

Software: AWS, Git, VS Code, Eclipse, JetBrains, Anaconda, Jupyter, R Studio, Linux, Orchestra Control Engine, Postman

WORK EXPERIENCE

Wells Fargo

Charlotte, NC

Sophomore Discovery Intern – Software Engineering

June 2024 – Aug 2024

- Developed internal-facing application, enhancing engagement for 230K employees and boosting metrics by 15%
- Refactored backend code and improved indexing, increasing data retrieval speed by 25% and enhancing UX
- Led integration of new features into app, reducing processing time by 20% and ensuring cross-platform functionality
- Automated data reporting using automation tools, cutting reporting time by 30% and increasing reliability by 25%
- Technologies & Frameworks: Spring Boot, Angular, TypeScript, H2-SQL, Swagger, Orchestra, Git, JIRA, Agile

Washington University in St. Louis, Landsness Lab

St. Louis, MO

Data Science Researcher | <https://github.com/cilantroxiaw/SWAVE>

May 2023 – Present

- Developed open-source tool, SWAVE, generating graphs of wave planarity, velocity, and time delay heat maps
- Analyzed imaging data using COBRAWAP pipeline, extracting and graphing 100,000+ waves from CSV Files
- Designed specialized filter using ArgsParse to selectively collect pertinent data points, enhancing accuracy by 50%

Lawtiq

Calgary, CA

Software Development Intern

Jan 2023 – May 2023

- Engineered customer representation algorithm, resulting in 30% improvement in client retention metrics
- Aided in developing LSI-powered search engine, optimizing lawyer-client matches enhancing efficiency by 20%
- Created an algorithm that aids 500+ lawyers to track clients' information through an interactive dashboard

PROJECTS

Automated Workday Management System (Python – Selenium)

- Developed automated clock-in/out system, reducing manual entry time by 90% for daily work processes
 - Enabled over 50 TAs to streamline their daily logging tasks, significantly improving efficiency and time management
- HackWashU - Email Verifier Chrome Extension (JavaScript, HTML, CSS, Python, Node.js, MongoDB)
- Developed Gmail/OpenAI integrated Chrome extension automating email verification, saving 2 mins per verification
 - Implemented MongoDB backend storing 100+ verified websites for data storage

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow

Washington, DC

Career Preparation Fellow

Jan 2024 – Present

- 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 Wells Fargo, Deloitte, LinkedIn, and Target

SEO Career

New York, NY

Success Intern

Jan 2024 – Present

- Completed 100+ hours of coaching and online instruction targeting professional, technical, and soft skill development
- Mastery of fundamentals specific to Tech to increase chances of securing a return offer post-internship

Washington University in St. Louis, McKelvey School of Engineering

St. Louis, MO

Section Lead Teachers Assistant for Introduction to Computer Science

Jan 2023 – Present

- Supervise weekly studios and other TAs and run help sessions on course materials for 25+ students (Java primary language)
- Write new test questions to be used in future exams and create project extensions for extra credit assignments

ADDITIONAL SKILLS AND INTERESTS

- Organizations: HeadStart, Boulevard, LEDA, ColorStack, CompSciLib, Muslim Students Association, Ismaili Council USA
- Hobbies: Cricket, Basketball, Rocket League, Arijit Singh, Language Enthusiast