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 Scholar, Deloitte Scholar, Chancellor Fellow, JKCF Scholarship (55K), Questbridge Scholar (Full Ride)
Relevant Coursework: OOP + SWE Lab, Full-Stack Development, Data Structures and Algorithms, Linear Algebra

TECHNICAL SKILLS

Programming Languages: Java, Python, HTML, CSS, JavaScript, C++, Node.js, Vite, PHP, MySQL, R, React.js
Software: AWS, Git, VS Code, Eclipse, JetBrain, Anaconda, Jupyter Notebook, R Studio, Linux, AWS, JDoodle, IntelliJ

WORK EXPERIENCE

Wells Fargo   Charlotte, NC
Technology Intern Analyst   June 2024 – Present

Washington University in St. Louis, Landsness Lab   St. Louis, MO
Data Science Researcher   May 2023 – Present
- Analyzed calcium imaging data using COBRAWAP pipeline, extracting and graphing 100,000+ waves from CSV Files
- Developed open-source tool, SWAVE, generating graphs of wave planarity, velocity, and time delay heat maps
- 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

VCare Clinics   Houston, TX
Software Development Intern   May 2022 – Dec 2022
- Revamped website, integrating a chat function, enhancing engagement for 29 new community partners
- Crafted an internal dashboard for 30+ physicians and providers to track work hours and patient records
- Mastered project strategy + management, and technical writing and research, boosting vendor responses by 30%

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 in order to increase chances of securing a return offer post-internship

Washington University in St. Louis, McKelvey School of Engineering   St. Louis, MO
Teachers Assistant for Data Structures and Algorithms   Jan 2023 – Present
- Hold office hours and assist a bloc of 600+ students during the week, while grading assignments and exams
- Write new test questions to be used in future exams and create project extensions for extra credit assignments

ADDITIONAL SKILLS AND INTERESTS

- Organizations: ColorStack, Muslim Students Association, CodePath, Edlyft TIP, HeadStart Fellow, Ismaili Council USA
- Hobbies: Cricket, Rocket League, Arijit Singh, Language Enthusiast