JOHNY ESKANDAR

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EDUCATION

WASHINGTON UNIVERSITY IN ST. LOUIS *St. Louis, MO*
Bachelor of Science in Business and Computer Science *Expected May 2027*
- **Cumulative GPA:** 3.85/4.00; Dean's List (All Semesters)
- **Relevant Courses:** Full Stack Software Development, Object-Oriented Software Development, Data Structures, Algorithms
- **Skills:** Python, JavaScript, SQL, C++, Java, React, Angular, Next.js, FastAPI, Node.js, Git, REST APIs, AWS, OAuth2, Qlik

EXPERIENCE

MASTERCARD INC *O'Fallon, MO*
Software Engineering Intern *June 2025 – Present*
- Implemented Qlik's natural language chatbot API into a dashboard using Angular, allowing clients to generate real-time visualizations via prompts – a feature slated for adoption across future dashboards used by the 10,000+ Mastercard clients
- Built a full-stack data visualization environment using Angular, SQL, Qlik, and REST APIs, transforming enriched insights from 550M+ daily transactions into interactive dashboards for both internal stakeholders and external banking clients
- Presented technical demo and chatbot integration to a Mastercard's VP, highlighting scalability and dashboard architecture
- Shared intern engagement insights with the VP of Campus Talent Acquisition as part of Mastercard's NAM Intern Committee
- Selected as 1 of 12 interns (out of 200+) to serve on Mastercard's North America Intern Committee as a social media lead; worked with community building leads to plan events and promote Mastercard's brand presence on LinkedIn and Instagram

WHITING-TURNER CONTRACTING CO. *Irvine, CA*
Product Management and Analytics Intern *Summer 2022, Summer 2023, December 2023 – May 2025*
- Built a Power BI dashboard for a $2B healthcare project, enabling 30 workers to ensure 100% on-time delivery of 624 pods
- Introduced Microsoft Copilot and Scribe to support meeting transcription and product documentation, cutting manual reporting time by 50% and scaling AI-driven workflows
- Developed Power BI dashboards for 15+ project teams, saving 30 hours of work per week and supporting 100+ end users
- Spearheaded product strategy efforts for two construction tech products, identifying a $400K growth opportunity and reducing rework by 25% through user persona research, HTML email design, and roadmap planning
- Designed a Python automation cutting post-project data entry from 50+ clicks to 10; paused due to platform constraints
- Scaled tools to 9 offices and 5+ disciplines, expanding Project Analytics to 3 new states and 2 new industries

PROJECTS

Blendify (Next.js, TypeScript, Spotify API) *April 2025*
- Developed a full-stack music app enabling users to log in via Spotify OAuth, select seed tracks, and generate custom playlists using genre and artist-based recommendations
- Designed and deployed modular RESTful APIs to support playlist creation, genre-based search, and token-authenticated user data, handling real-time state with secure access tokens and Server-Side Rendering
- Built a responsive UI with TailwindCSS and Next.js, integrating playlist previews, error handling, and customization controls

Google DevFest WashU – UnveilAI (Next.js, FastAPI, Google Gemini, Bland AI) *April 2025*
- Named a Top 10 finalist at Google DevFest WashU, selected from 42 teams for innovation and technical depth
- Led a 4-person team to develop UnveilAI, a full-stack platform that ingests GitHub repos, generates Gemini-powered code explanations, and enables real-time phone conversations with a natural-sounding AI "senior engineer" via Bland AI
- Designed and built an async FastAPI backend to process user-uploaded repos, run Gemini-powered explanations, and support a file tree interface and chat system for asking code-related questions and receiving structured AI responses

Court Vision (Python, Streamlit, REST APIs, Pandas) *April 2025*
- Built an interactive sports analytics platform in Python and Streamlit that identifies profitable bets by modeling win probabilities, normalizing sportsbook odds, and calculating expected returns using real-time data
- Developed custom metrics including Value Score, Book Bias, and a parlay simulator, allowing users to spot market inefficiencies and compare risk-adjusted betting opportunities across sportsbooks

LEADERSHIP & INVOLVEMENT

WASHU DATA SCIENCE NETWORK *St. Louis, MO*
Co-Founder and Treasurer *August 2024 – Present*
- Co-founded WashU's Data Science Club; organized resume reviews, a guest talk by a Meta data scientist, a data science office tour at Hunter Engineering, and career support for 100+ members exploring real-world data science fields

ACTIVITIES & INTERESTS

- **Activities:** Reformed University Fellowship, MENA Club, Sigma Phi Epsilon, Chess Club, Intramural Basketball
- **Interests:** Basketball, Chess, Reading, Vlogging, Music, Cooking, Physical Fitness, Christianity, Sci-Fi Films