Haya AlMajali

+1 (857) 891-8848 | hayamaj@bu.edu | linkedin.com/hayamaj | hayamaj.com

Work Experience

Computer Vision AI Data Engineer, *Yuva AI – New York, NY*   May 2024 - August 2024

- Created novel datasets (b.box, segmentation, keypoint & depth) using physics-based simulation platform for Fortune 500 healthcare & media clients.
- Reduced large-scale data processing pipeline speed by 15%. Saved over $10K in compute costs.
- Increased synthetic data generation evaluation system accuracy by 20% for client projects.

AI Integration and Solutions Engineer, *Dakota Systems – Chicago, IL*   May 2023 - Nov 2022

- Developed and optimized AI models for text generation and chatbot functionality by integrating OpenAI's GPT models (GPT-3,4) into Dakota's web platform.
- Enhanced chatbot's accuracy by 20% with tailored datasets. Improved response relevance by 30% through prompt engineering techniques aligned with business objectives.
- Utilized AI tools and libraries (NumPy, SciPy) to continuously monitor and optimize the chatbot's performance.

Product Developer, *BU Spark! – Boston, MA*   May 2023 - May 2024

- Led the development of a sustainability app using React Native, Expo, and TypeScript. Facilitated weekly sprint planning and retrospectives, improving team productivity by 30%.
- Managed a cross-functional team through 40+ product cycles and 288 development hours, from design to launch. Coordinated efforts for timely, successful completion.
- Collected and analyzed user data from 127 interviews and 13 beta tests. Implemented 6 key features based on feedback, resulting in a 40% increase in user satisfaction.

Software Developer, *ZenHR – Amman, JO*   July 2022 - Sept. 2022

- Developed and optimized software components for zenhr.com's front and back-end using Ruby on Rails.
- Collaborated with UI/UX sprint teams to implement 2 new features and enhance 3 existing ones, reducing bounce rate by 20% and improving user navigation.
- Presented my code during weekly team meetings to ensure high-quality standards and alignment across different teams.

Skills

Front-end	React, React Native, Next.js, HTML, CSS, JavaScript, TypeScript, TailwindCSS
Back-end	Node.js, Ruby on Rails, Flask, AWS, Vercel, Docker, MySQL, MongoDB, Redis
Languages	Python, Java, JavaScript, TypeScript, C, SML, Ruby
Tools	Trello, Jira, Microsoft Office Suite, Slack, Google Analytics, Google Workplace
Design	Figma, Adobe Creative Cloud, Photography, Motion Graphics, Oil Painting
Music	Piano (*A-level certified*)

Education

Boston University – *B.S. Computer Science, Minor in Visual Arts*   2024

Languages

English (*native*) | Arabic (*native*) | French (*DELF B1 certified*)

Extracurriculars

Boston University Women in Computer Science (*E-board Member*)
Boston University Club Tennis (*E-board Member*)
Boston University Running Club
Commissioned Oil Portrait Artist