

Haya AlMajali

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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.
- Added 20% increase in synthetic data generation evaluation system accuracy for client projects.

AI Integration and Solutions Engineer

Dakota Systems | Chicago IL (May 2023 - Nov 2023)

- Developed and optimized AI models for text generation and chatbot functionality using OpenAI's GPT models (GPT-3,4).
- Enhanced chatbot's accuracy with tailored datasets and integrated the chatbot into web and mobile platforms.
- Utilized AI tools and libraries (NumPy, SciPy) to continuously monitor and optimize the chatbot's performance, boosting response times by 20%.

Product Development Intern

BU Spark! | Boston, MA (May 2023 - May 2024)

- Led development of Dibs!, a campus waste management app, using React Native, Expo, and TypeScript.
- Managed a cross-functional team through the product lifecycle, from design to launch, dedicating 288 hours to development.
- Collected and analyzed user data from 127 interviews and 13 beta tests through close feedback loops with users.

Software Developer

ZenHR | Amman, Jordan (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 10% 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

Databases: MySQL, MongoDB, Redis

Programming Languages: Python, Java, JavaScript, TypeScript, C, SML, Ruby

PM Tools: Trello, Jira, Microsoft Office Suite, Slack, Google Analytics, Google Workplace

Design: Figma, Adobe Creative Cloud, Photography, Motion Graphics, Oil Painting

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

Music: Piano (*level 8 certified*)

EDUCATION

Boston University – *B.S. Computer Science, Minor in Visual Arts* (Cumulative GPA – 3.65)

- **Relevant Skills:** Data Analysis, Artificial Intelligence, Analysis of Algorithms, Software Engineering, Web Design

EXTRA - CURRICULARS

Boston University Women in Computer Science (*E-board Member*)

Boston University Club Tennis (*E-board Member*)

Commissioned Oil Portrait Artist