

# 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 fine-tuned AI models (text generation, completions, embeddings) using OpenAI's GPT models.
- Incorporated tailored datasets to enhance the chatbot's accuracy and contextual relevance. Collaborated with teams to integrate the chatbot into web/mobile platforms.
- Utilized AI tools and libraries (NumPy, SciPy) to continuously monitor and optimize the chatbot's performance, improving 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, Information Security, Artificial Intelligence, Analysis of Algorithms, Software Engineering, Probability in Computing, Web Design, Motion Graphics

## EXTRA - CURRICULARS

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

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

**Commissioned Oil Portrait Artist**