

# Haya AlMajali

+1 (857) 891-8848 | [hayamaj@bu.edu](mailto:hayamaj@bu.edu) | [linkedin.com/hayamaj](https://www.linkedin.com/hayamaj) | [hayamaj.com](https://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 **community-driven** upcycling platform from ideation and design to launch. Facilitated weekly **sprint planning** and retrospectives, improving team productivity by **30%**.
- Managed a cross-functional team through **40+** product cycles and **288** development hours. 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.

## Projects

### Dibs! | React Native, Expo, and TypeScript

- Developed an innovative upcycling platform using **React Native, Expo & TypeScript**, encouraging students to share their unwanted items and promote sustainable reuse within the BU community.

## Skills

<b>Front-end</b>	React, React Native, Next.js, HTML, CSS, JavaScript, TypeScript, TailwindCSS
<b>Back-end</b>	Node.js, Ruby on Rails, Flask, AWS, Vercel, Docker, MySQL, MongoDB, Redis
<b>Languages</b>	Python, Java, JavaScript, TypeScript, C, SML, Ruby
<b>Design</b>	Figma, Adobe Creative Cloud, Photography, Motion Graphics, Oil Painting

## 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 Running Club

### Pianist (*A-level certified*)