

Haya AlMajali

+1 (857) 891-8848 | hayamaj@bu.edu | [linkedin.com/hayamaj](https://www.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.
- Optimized large-scale **data processing pipeline**, reducing speed by **15%**. Saved over **\$10K** in compute costs.
- Increased **synthetic data generation** evaluation system accuracy by **20%** for client projects.

Product Developer, BU Spark! – Boston, MA

May 2023 - May 2024

- Led a team of **UX/UI designers** and **engineers** through the all stages of the **product's lifecycle** (*ideation, technical development, and launch*) to develop an upcycling platform for Boston residents.
- Drove product development through weekly sprint planning and retrospectives; guiding my team through **40+** agile sprints as **Lead Developer** and **Product Manager** and dedicating **288** hours to development.
- Collected and analyzed data from **100+** user interviews and **13** beta tests to inform product requirements. Iteratively **prototyped, user tested** and **A/B tested** new features.

AI Integration and Solutions Engineer, Dakota Systems – Chicago, IL

May 2023 - Nov 2023

- Engineered and optimized **Generative AI models**, integrating OpenAI's GPT models (**GPT-3,4**) into Dakota's web platform to support scalable, production-grade applications.
- Enhanced chatbot's accuracy by **20%** with tailored datasets. Improved response relevance by **30%** through **prompt engineering** techniques aligned with business objectives and company's mission.
- Leveraged **AI tools** and libraries (**NumPy, SciPy**) to continuously monitor and optimize the chatbot's performance.

Software Project Manager, BU Spark! – Boston, MA

Sept 2023 - May 2024

- Led student teams in agile sprints to deliver **ML/Generative AI** solutions for clients, improving satisfaction by **20%**.
- Managed **4** project portfolios quarterly, ensuring impactful outcomes and on-time delivery.
- Streamlined **team coordination** and **collaboration** and through **Trello** and **Slack**, enhancing **project success**.

Software Developer, ZenHR – Amman, JO

July 2022 - Sept. 2022

- Developed and optimized **software components** for zenhr.com's **front** and **backend** using **Ruby on Rails**.
- Collaborated with **UX/UI** sprint teams to implement **3** new features, reducing bounce rate by **20%**.
- Led the **ideation** and **technical development** of new features by incorporating **data analysis** and **user feedback** to ensure alignment with ZenHR's vision and strategic goals.

Projects

Dibs! | React Native, Expo, and TypeScript

- Developed a community-driven upcycling platform for Boston residents using React Native, Expo & TypeScript.

Skills

Technologies React, Next.js, HTML/CSS, Node.js, Ruby on Rails, AWS, Vercel, Docker, MySQL, MongoDB, Redis
Programming Python, Java, JavaScript, TypeScript, C, SML, Ruby
Tools MS Office (Excel), Trello, Jira, Atlassian, Slack, Google Analytics
Design Figma, Adobe Creative Cloud, Photography, Motion Graphics, Oil Painting
Languages English (*native*) | Arabic (*native*) | French (*DELF B1 certified*)

Education

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

2024

Networks

NEXUS (*Impact Society*)

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

Tech Week 2024 (*NYC*)