

ARDA EDIL

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EDUCATION

University of Michigan, Ann Arbor, MI

Expected May 2028

Bachelor of Science in Engineering in Computer Science with a minor in Business

GPA: 3.62/4.00

Relevant Coursework: Introduction to Artificial Intelligence, Data Structures and Algorithms

SKILLS

Languages: Python, SQL, R, Java, C/C++, JavaScript

Frameworks & Libraries: PyTorch, LangChain, React.js, Next.js, Node.js, SQLAlchemy

Tools & Platforms: FAISS, SQLite, Git, GitHub, Linux

WORK EXPERIENCE

Software Engineering Intern

Jun 2026 – Aug 2026

BGTS, Istanbul, Turkiye

- Partnered with proposal and engineering teams to translate RFP workflows into a Python matching module that surfaced relevant past engagements and reusable case-study evidence.
- Defined JSON interface contracts and implemented validation, error handling, and unit tests, enabling reliable integration across CaseForge components built by different team members.

Supply Chain Analyst Intern

Jun 2025 – Aug 2025

Setas Masterbatch, Istanbul, Turkiye

- Identified limitations in a k-means demand-segmentation baseline and developed agglomerative-clustering models in Python and R to better capture product demand patterns.
- Delivered forecasting insights that improved accuracy by 13%, increased on-time material availability by 8 percentage points, reduced stockouts by 20%, and enabled purchasing decisions 10 days earlier.

PROJECTS

Data Analyst

Sep 2024 – Jan 2025

Michigan Data Science Team, Ann Arbor, MI

- Built and evaluated a Python RAG pipeline alongside a multidisciplinary team using LangChain, OpenAI, FAISS, and Yahoo Finance, improving answer quality by 18%.

Research Assistant

Jan 2024 – May 2024

Hisar School IdeaLab, Istanbul, Turkiye

- Designed a child-friendly biofeedback system with a research team using PPG-based HRV sensing, Bluetooth communication, and an interactive breathing-guidance interface.
- Presented findings at HCI International 2024 and contributed to a publication in Springer's CCIS series.

LEADERSHIP EXPERIENCE

President

Apr 2026 – Present

Turkish Student Association, Ann Arbor, MI

- Lead a 7-member executive board in planning 4 fall cultural events projected to engage 150+ students.

Project Manager & Software Developer

Sep 2025 – May 2026

Menlo Innovations, Ann Arbor, MI

- Led development of a timesheet data system, translating stakeholder requirements into SQLite and SQLAlchemy schemas and coordinating Python data-import work across the project team.