# Yehya Altamimi

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## EDUCATION

**University of Michigan**                                                                                                                    **Dearborn, MI**
Bachelor of Science in Software Engineering (GPA: 3.57)                                             Graduation Date: April 2024

- **Relevant Coursework**: Data Structures & Algorithms, Operating Systems, Web Technology, Database Management Systems, Software Architecture & Design Patterns, Software Engineering, Discrete Structures, Intro to Artificial Intelligence, Deep Learning, Linear Algebra

## WORK EXPERIENCE

**Daimler Truck Financial Services**                                                                                 June 2023 – September 2023
Software Engineer Intern

- Enhanced strategic financial insights by developing a Java-based bot for automating monthly RPA performance reports for the CFO, reducing report generation time by 80% compared to manual processes.
- Boosted document processing speed by implementing a Python and OpenAI's GPT-driven AI tool, cutting data extraction times by 50% and doubling bot performance efficiency.
- Streamlined project transitions from concept to production by collaborating on Process Definition and Technical Solution Design Documents, ensuring successful deployment of automated solutions.

**Total Solutions**                                                                                                                   May 2023 – August 2023
Microsoft Developer Intern

- Ensured a seamless migration from on-premise network to SharePoint Online with zero data loss and a 20% reduction in migration time through rigorous quality assurance and testing.
- Developed innovative app modernization solutions and created sales blogs for Microsoft CoPilot and Microsoft Fabric, resulting in a 30% increase in client inquiries and a 15% boost in engagement.
- Improved a client's website by updating the front end with HTML and CSS to enhance design and user experience, and fixing backend issues with C# to resolve data handling errors, resulting in a 20% improvement in site performance.

**OST - Open Systems Technologies**                                                                                   October 2022 – May 2023
Software Engineer Intern

- Accomplished improved integration of customer data by developing automated data migration scripts, measured by a 30% reduction in data inconsistencies across systems.
- Achieved a 20% increase in processing speed by optimizing existing SQL queries in the ERP system, measured by benchmarking query execution times before and after optimization.
- Accomplished enhanced user satisfaction by redesigning the ERP system's dashboard based on user feedback, measured by a 25% increase in positive user reviews.

## PROJECTS

**Aimee - AI for ME Expert**                                                                                          September 2023 – April 2024
Machine Learning Engineer

- Collaborated on creating a chatbot feature for a developing e-commerce start up called Spessle tailored for small local businesses, utilizing Python, PostgreSQL, and natural language processing to enhance user interaction and product recommendations.
- Key contributor to embedding advanced search capabilities within the app, using Milvus, PyTorch, and BERT technologies to enable efficient and accurate product searches based on user queries.
- Conducted rigorous validation tests on the AI model to ensure the accuracy and relevance of product recommendations, improving user satisfaction and engagement with the app.

## PROGRAMMING SKILLS

- **Languages:** Python, C/C+ +, Java, JavaScript, C#, SQL, HTML, CSS
- **Cloud Platforms & DevOps Tools:** Microsoft Azure, AWS, Docker, Jenkins, Git, Kubernetes
- **Web Development Frameworks and Libraries:** Django, Flask, ASP.NET Core, React, Angular, Vue.js, Node.js, Express.js
- **Databases:** PostgreSQL, Milvus, MongoDB, Microsoft SQL Server, Oracle Database
- **Machine Learning and Data Processing:** PyTorch, TensorFlow, Scikit-learn, Pandas, Matplotlib, NumPy, spaCy, NLTK
- **Networking Concepts:** TCP/IP, UDP, DNS, HTTP/HTTPS, SSH, VPN, Firewall Management

## LEADERSHIP EXPERIENCE

**Yemeni Student Association**
Treasurer

- Spearheaded a new strategic initiative and organized charity sports competitions, resulting in a 50% increase in YSA membership and enhanced association visibility.
- Managed and allocated a budget exceeding $3,000; conducted thorough financial analyses and forecasts, leading to more effectively planned events that increased donations for Yemen's humanitarian crisis through UNICEF.