LOC TRAN

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EDUCATION

Miami University — Oxford, OH
Bachelor of Science in Computer Science | GPA: 3.9 / 4.0 — *August 2021 – May 2025*
- President's List -- Top 3% of Miami University students — *Spring 2022, Spring 2023, Fall 2023*

Course works: OOP, Data Structure & Algorithms, Operating System, Computer Vision, Full Stack Web, AI & Machine Learning, Cybersecurity & Networking, High-Performance Cloud Infrastructure, DevOps, Software Architecture, Database

WORK EXPERIENCE

Matson Money — Phoenix, AZ
Software Engineer Intern — *January 2025 – May 2025*
Software Engineer — *June 2025 – Present*
- Maintain Fillable Form system, integrating .NET application with DocuSign for investor digital document management
- Develop REST APIs with ASP.NET Core to facilitate seamless data integrations from Salesforce and SQL database with React advisor portal, completing Jira stories under Agile collaboration to empower 500 financial businesses
- Automate Salesforce integration to backend using Lightning Web Components with 100 unit tests to ensure reliability

Miami University — Oxford, OH
Software Engineer — *January 2024 – January 2025*
- Developed a 24/7 AI Agent to streamline library services using Nest.js and React, GPT-4 API, integrated internal APIs for resource recommendations, room reservations, and rentals, enhancing access for 20,000 students
- Optimized cost efficiency and memory management by 15% with Cohere AI custom recognition module and ORM
- Engineered a CI/CD pipeline using Kubernetes and GitHub Actions to automate Docker containers deployment, boosting production efficiency by 30% and tripling availability through seamless Agile updates and orchestrations

Warner Bros. Discovery — Los Angeles, CA
Information Technology Intern — *June 2023 – August 2023*
- Reimaged and commissioned hardware to 50 internal end-users as a deploying process with other Global IT teams
- Authored Confluence documentation on enterprise IT cycle, detailing solutions for common technical challenges
- Delivered intensive Hypercare and migrated 200 Azure tenants to new enterprise domain during rebranding weeks
- Troubleshooted 50 ServiceNow critical issues in peak migration, contributing to 80% immediate resolution rate

SwapBrain — Sydney, Australia
Full Stack Developer Intern — *June 2022 – August 2022*
- Led an intern team to construct a MVP Chrome extension to translate English audio to Chinese live caption using HTML, CSS, TypeScript, Python, and Google Recognition Model, witnessing 70% customer growth per month
- Analyzed 6 A/B testings with Google Analytics and Google Optimize to gain 150 experimental clients in 2 months

PROJECT

InsurAI – Healthcare Insurance Chatbot | Winner of MakeUC Hackathon | [Demo](#) | [GitHub](#)
- Developed LLM chatbot to simplify understanding of insurance policies by parsing and explaining EOC documents using Cohere AI and Weaviate vector database on Node.js, getting IBM Best AI-Driven Healthcare Solution award

My-Kalory – Nutrition with Google Vision | RevolutionUC Hackathon | [Demo](#) | [GitHub](#)
- Generated and deployed a website tracking user's calories and macro-nutrients intake by scanning product's nutrient facts label using GCP Vision API incorporated with Django framework in back end and MongoDB for data retrieval
- Integrated React with Google Firebase to provide automation, user authentication, and interactive frontend dashboard

YOLOv8 Object Tracking for Self-Driving Cars | [Demo](#) | [GitHub](#)
- Constructed a Computer Vision model for self-driving cars by integrating YOLOv8, ByteTracker, and Roboflow's SuperVision libraries to efficiently localize and track moving vehicles, providing an autonomous vehicle navigation

SKILLS

- *Languages*: Python, C++, JavaScript, C#, Java, HTML/CSS, SQL, Golang
- *Frameworks & Libraries*: React, Node.js, Nest.js, Next.js, WebSocket, Django, REST API, MongoDB, PostgreSQL, ASP.NET MVC, TensorFlow, Pandas, NumPy, BeautifulSoup, Redux, Flutter
- *Tools*: Docker, Kubernetes, GitHub, Postman, Salesforce, Unix/Linux, AWS, Kafka, Jenkins, NGINX, Apache Spark

LEADERSHIP ACTIVITIES

Computer Science Student Leadership Council — Miami University
Executive Board Member — *April 2023 – December 2024*
- Organized and facilitated 10 semester events, consistently engaging approximately 80 people per event to enhance departmental participation and student interaction for departmental issues discussion between students and faculties