

TRAM TON

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EDUCATION

UNIVERSITY OF SOUTH FLORIDA

B.S in Computer Science, GPA: 4.0/4.0

- USF Green & Gold Directors Scholarship

Tampa, Florida

December 2026

WORK EXPERIENCE

Business Calculus Tutor

Smartlab at USF

Tampa, Florida

August 2023 - Present

- Tutored **3,000+** students in Business Calculus through personalized 1:1, improving exam scores by **up to 30%**
- Strengthened communication and leadership by tailoring explanations to diverse learning styles and concepts

Software Engineering Intern

Outamation

Tampa, Florida

May - September 2025

- Built AI workflows using PyMuPDF, OpenCV, Tesseract OCR, and NLP preprocessing to automate document extraction, boosting accuracy by **40%** and cutting processing time by **35%**
- Developed a LlamaIndex-based RAG retrieval system that improved mortgage document search precision by **30%**

Research Assistant

TKAI Lab @ USF

Tampa, Florida

September 2025 - Present

- Conducting research on Local Neuro-Symbolic AI, improving reasoning and interpretability in LLMs by **5%**
- Optimizing Python-based evaluation pipelines to assess model reasoning capabilities more efficiently

PROJECTS

theMEAL | Next.js, Tailwind CSS, OpenAI API, JavaScript

[GitHub repo](#) | [Demo](#)

Hackabull 2025 - Leader, Front-End developer

- Delivered AI-powered personalized meal suggestion platform from **8+** user inputs, improving plan accuracy by **40%**
- Integrated OpenAI API to generate dynamic meal names, and recipes in real time, reducing input time by **80%**

Disaster Preparedness App | Node.js, PostgreSQL, AngularJS, Express.js, REST API

[GitHub repo](#) | [Demo](#)

TASH Hackathon 2025 - Leader, Full-stack developer

- Developed email system with Nodemailer + Outlook API, notifying **100%** of caregivers with evacuation plans
- Integrated Azure MSAL authentication for secure Microsoft 365 email delivery, boosting reliability by **95%**
- Built and optimized Express.js REST APIs for emergency submissions, cutting backend response time by **30%**

Smart Expense Split App | React Native, Firebase, OCR, Expo, TypeScript, Docker

[GitHub repo](#) | [Demo](#)

- Developed a mobile app using React Native to split bills by **scanning receipts** and **assigning items** to friends
- Implemented Firestore schema to manage users, receipts, and splits collections to support real-time updates
- Led Agile sprints with Figma + GitHub Projects, improving development flow by **40%** through structured planning
- Dockerized the Node.js API, standardizing environments and reducing deployment issues by **80%**

TECHNICAL SKILLS

- **Programming languages:** Python, Java, JavaScript, C, C++, C#, HTML, CSS, SQL
- **Technology and Framework:** Next.js, Node.js, Express.js, PostgreSQL, Selenium, LlamaIndex, Retrieval-Augmented Generation (RAG), OpenAI API, Microsoft OAuth2, REST API, React, AngularJS
- **Tools & Platforms:** Visual Studio Code (VS Code), Git/GitHub, Nodemailer, Microsoft 365 (Outlook API), Azure Portal, LinkedIn Automation Tools, Browser Developer Tools, Jupyter Notebook, Firebase, Docker
- **Development Practices:** Object-Oriented Programming, Agile (SCRUM), SDLC, Test-Driven Development
- **Certifications:** CodePath Data Structure Interview Certification, International Tutor Training Certification

LEADERSHIP ACTIVITIES

Treasurer & Fundraising Director

Vietnamese International Student Association

Tampa, Florida

August 2023 - December 2024

- Managed VISA's financial activities, built VISA's objectives with strategic partnerships with sponsors
- Negotiated with the event sponsor for a contribution of **\$1500**, which covered **70%** of the total food expenses
- Planned, operated a Vietnamese food fundraiser and raised approximately **\$2500** to support the organization