

TRAM TON

tonnuquynhtram2004@gmail.com - (813) 724 - 1905 - github.com/TramTonne - tram-portfolio.vercel.app

EDUCATION

UNIVERSITY OF SOUTH FLORIDA <i>B.S in Computer Science, GPA: 4.0/4.0</i>	Tampa, Florida <i>December 2026</i>
<ul style="list-style-type: none">• USF Green & Gold Directors Scholarship	

WORK EXPERIENCE

Business Calculus Tutor <i>Smartlab at USF</i>	Tampa, Florida <i>August 2023 - Present</i>
<ul style="list-style-type: none">• 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 <i>Outamation</i>	Tampa, Florida <i>May - September 2025</i>
<ul style="list-style-type: none">• 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 <i>TKAI Lab @ USF</i>	Tampa, Florida <i>September 2025 - Present</i>
<ul style="list-style-type: none">• 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 <i>Next.js, Tailwind CSS, OpenAI API, JavaScript</i>	GitHub repo Demo
<i>Hackabull 2025 - Leader, Front-End developer</i>	
<ul style="list-style-type: none">• 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 <i>Node.js, PostgreSQL, AngularJS, Express.js, REST API</i>	GitHub repo Demo
<i>TASH Hackathon 2025 - Leader, Full-stack developer</i>	
<ul style="list-style-type: none">• 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 <i>React Native, Firebase, OCR, Expo, TypeScript, Docker</i>	GitHub repo Demo
<ul style="list-style-type: none">• 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 <i>Vietnamese International Student Association</i>	Tampa, Florida <i>August 2023 - December 2024</i>
<ul style="list-style-type: none">• 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	