Tai Tran

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EDUCATION

University of Florida Gainesville, FL
B.S in Computer Science; GPA: 3.24/4.00 *Jan 2022 – Dec 2025*
- **Relevant Coursework**: Data Structures and Algorithms, Software Engineering, Linear Algebra, Discrete Mathematics, Object-Oriented Programming, Computer Organization, Multimodal Machine Learning, Operating Systems, Programming Language Concepts

PROJECTS

CaSMM (Online K-12 Education Website) *Sep 2023 – Dec 2023*
- Help improve UI and implement new features for an eduational website for children through Agile methodology.
- Utilized technologies such as React, Docker, PostgreSQL, Strapi to incorporate full-stack features.
- Collaborated with teammates using Git, assigning issues, coordinating and participating in sprints as project manager ensuring timely delivery of updates.

Java Compiler *Aug 2023 – Nov 2023*
- Collaborated with a partner through Git to develop a comprehensive Java-based compiler.
- Fully implemented features such as lexical analysis, efficient parsing, semantic analysis, and code generation.
- Optimized compiler performance and reliability through the creation of test cases and debugging.

Tech Lead, Lifestyle Alarm *Dec 2023 – Ongoing*
- Collaborated with a development team to design and build an innovative alarm system application with Expo Go.
- Implemented features like world clocks, calendar alerts, collaborative alarms, and integration with other platforms.
- Lead management of the project's GitHub repository along with other Tech Lead, ensuring effective version control.

INVOLVEMENT

UF Club Quidditch/Quadball Gainesville, FL
Treasurer *Aug 2023 – Apr 2024*
- Oversee financial planning for current and future expenses, ensuring the club's operational competitive needs are met.
- Cooperated with UF Rec Sports on event collaboration, facility access, and boosting student engagement
- Led fundraising initiatives to acquire more funds for future operations and actively recruit potential new members.

UF SASE (Society of Asian Scientists and Engineers) Gainesville, FL
Peer Mentor *Aug 2023 – Apr 2024*
- Provide one-on-one guidance and support to underclassmen majoring in STEM adjust to university life.
- Worked closely with other peer mentors and SASE officers to identify community needs and how to meet them.
- Collaborated in the planning of community events and workshops promoting diversity and inclusion within STEM.

SKILLS

- **Languages**: (Proficient) C++, Python, Java, JavaScript/TypeScript, HTML/CSS, MATLAB, (Familiar) SQL, C, ARM Assembly
- **Tools**: Git, Jupyter Notebook, Docker, Strapi, React Native, PostgreSQL

AWARDS

- **University of Florida Dean's List**: College of Engineering (Summer - Fall 2023)
- **Machen Florida Opportunity Scholars**: Full grant and scholarship package awarded to First-Generation college students

ACTIVITIES & INTERESTS

- **Activities**: Open-Source Club, Club Quidditch/Quadball, Association for Computing Machinery (ACM), Society of Asian Scientists and Engineers (SASE)
- **Interests**: Web/App Development, Competitive Programming, Open-Source Projects, AI and Machine Learning