Tina Tran

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EDUCATION

Burnett Honors College, University of Central Florida   Orlando, FL
M.S in Computer Science   from Aug 2025 to May 2026
B.S. in Computer Science, Mathematics Minor GPA: 3.77   from Aug 2022 to May 2025
Awards: Provost Scholarship, Honors Undergraduate Thesis Scholarship
Cornell University, online certificate in Machine Learning Foundations   Aug 2024
NASA Proposal Writing and Evaluation Experience, certificate of completion   Aug 2024

SKILLS

Computer Languages: Python, Java, SQL, C, JavaScript
Computer Frameworks: PyTorch, Hugging Face, Scikit-Learn, TensorFlow, Keras

RESEARCH

Improving Visual Perception in Multimodal Video Models [Code Pending]
University of Central Florida, Center for Research in Computer Vision   from May 2024
- Developed a VLM that won second place in The 2nd Perception Test Challenge @ ECCV 2024.

Music Recommendation Using Exemplars and Contrastive Learning [Repo: https://sor.bz/hOIuI]
University of Central Florida, Department of Computer Science   from Aug 2023 to Apr 2024
- Developed a novel and low-cost ML content-based music recommendation system.

A RL Method for Solving the Inverse Acoustic Scattering Problem [Code Classified]
University of Central Florida, Department of Mathematics   from Jan 2023
- Incorporated star-shaped object training and testing for optimizing sensor placement.

LEADERSHIP

STRONG-AI   Orlando, FL
Peer Mentor   from Aug 2024 to Apr 2025
- Guided a mini-cohort of five low-income transfer scholars towards an academic lifestyle.
- Provide proactive support by planning meetings, weekly check-ins, and office hours.

Multus Medium @ UCF AI Club   Orlando, FL
Song Recommendation Lead   from Sep 2022 to Sep 2023
- Coordinated a subteam of 4+ students to engineer a user-based song recommendation system by researching 7+ AI papers and delegating tasks.

PROFESSIONAL EXPERIENCE

ConversAItionELLE   Orlando, FL
Scrum Master, LLM Researcher and Developer   from Aug 2024 to May 2025
- Appointed Scrum Master to organize a 6 student team on a year-long Senior Design class project to develop an LLM chatbot aimed to teach Spanish/Portuguese.
- Instructor check-in presentation used as a template for future classes.

Break Through Tech AI   Ithaca, NY
AI/ML Fellow   from May 2024 to Apr 2025
- Selected from 3000+ applicants for a year-long fellowship program designed to support women and other underrepresented people in AI, ML, and Data Science.
- Latitude AI - Researched SOTA BEV models such as PointBEV. [Repo: https://sor.bz/dKj2p]
- WiDS Kaggle Challenge - Developed and optimized ML models to predict ADHD diagnosis and sex classification using neuroimaging data. [Repo: https://shorturl.at/i1v6t]

Clare Controls (Subsidiary of Resideo)   Sarasota, FL
Software Engineering Intern   from May 2023 to Jul 2023
- Boosted sprint progress by completing 2 demos on UI changes and reporting 8+ bugs.
- Directed creation of an events documentation website by writing 220+ lines of Python and 75+ queries from Redash Data Lake.