

## Tina Tran

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### EDUCATION

#### Burnett Honors College, University of Central Florida

Orlando, FL

B.S. in Computer Science, Mathematics Minor GPA: 3.77

from Aug 2022 to May 2025

*Coursework:* Data Structures, Computer Vision

*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

### PROJECTS / RESEARCH

#### 3D Semantic Segmentation [Repo: <https://sor.bz/dKj2p>]

*Break Through Tech AI*

from Aug 2024

- Implementing PointBEV in the autonomous vehicle perception context.

#### Improving Visual Perception in Multimodal Video Models [Code Pending]

*University of Central Florida, Center for Research in Computer Vision*

from May 2024

- Created an LLM that won second place in The Second Perception Test (ECCV 2024 Workshop).

#### Music Recommendation Using Exemplars and Contrastive Learning [Repo: <https://sor.bz/hOIul>]

*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

#### Break Through Tech

*Fellow*

from May 2023

- Selected from 3000+ applicants for a year-long fellowship program designed to support women and other underrepresented people in AI, ML, and Data Science.

#### Multus Medium @ UCF AI Club

*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

#### ConversAI tionELLE

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.

#### Latitude AI

Pittsburg, PA

*AI/ML Fellow*

from May 2024 to Apr 2025

- Earned a Machine Learning Certificate with Cornell faculty. Participating in experiential learning experiences, and receiving mentorship from industry professionals.

#### NASA NPWEE

Phoenix, AZ

*Student*

from May 2024 to Aug 2024

- Invested 107 hours to learn the proposal writing process including engaging in a proposal review board and organizing a subteam of 3 in researching, writing, and editing.

#### 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.

**SKILLS**

Computer Languages: Python, Java, SQL, C, JavaScript

Computer Frameworks: PyTorch, Hugging Face, Scikit-Learn, TensorFlow, Keras

Other: Kung Fu Brown Belt, Trumpet