

Tina Tran

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Summary / Objective

Machine Learning undergraduate student researcher at the University of Central Florida.
Interested in pursuing a career in Artificial Intelligence and other related topics.

Education

University of Central Florida, Burnett Honors College from Aug 2022 to May 2026

- Bachelor of Science in Computer Science, Mathematics Minor
- GPA: 3.79

University of South Florida from Aug 2020 to Jun 2021

Relevant Coursework

Advanced Data Structures | COP 3503 from Aug 2023 to Dec 2023

Databases: Relational Databases and SQL from Feb 2023 to Mar 2023

Machine Learning Specialization from Sep 2022 to Nov 2022

Honors Data Structures | COP 3502H from Aug 2022 to Dec 2022

Professional Experience

Software Engineering Intern at Clare Controls branch of Snap One from May 2023 to Jul 2023

- Presented 2 demos on UI changes
- Reported 8+ bugs
- Wrote 220+ lines of Python, 20+ lines of Golang, 75+ queries from Redash Data Lake
- Created an events documentation website

Backend developer for SwampHacks IX Hackathon Jan 2023

- Contributed a content-based video game recommender using scikit-learn

Top 30 Contestant at Buckeye Programming Competition Oct 2022

Contestant at Mount Allison Programming Showdown Sep 2022

Song Recommendation Lead for "Multus Medium" from Sep 2022 to Sep 2023

- Analyzed 7+ research papers on state-of-the art AI recommendation methods
- Led a sub team of 4+ students to construct a user-based system

Member of Google Developer Student Club from Aug 2022

- Coded a web scraping program in Python using BeautifulSoup and selenium libraries
- Developed a simple miniDiscord program with Golang

Final Round Contestant at UCF Local Programming Contest Aug 2022

Skills

Computer Languages / Frameworks: PyTorch, Golang, SQL, C, Java, Python	
Kung Fu Brown Belt	from Jul 2019
Trumpet	from Aug 2017

Research Experience

from Aug 2023	<i>Expandable Music Recommendation using a Joint Embedding Space</i> University of Central Florida, Department of Computer Science Thesis Chair: Dr. Rickard Ewetz
from Jan 2023	<i>A Reinforcement Learning Method for Solving the Inverse Acoustic Scattering Problem for a Sound-Soft Obstacle</i> University of Central Florida, Department of Mathematics Faculty Mentor: Dr. Carlos Borges

Presentations and Publications

Tran, T. (2023, July 21). *A Reinforcement Learning Method for Solving the Inverse Acoustic Scattering Problem for a Sound-Soft Obstacle* [Poster Presentation]. 2023 University of Central Florida Summer Poster Showcase, Orlando, FL, United States.

Tran, T. (2023 May). *Artificial Intelligence: Now and Beyond*. América Magazine. (resubmission pending)

Tran, T. (2023, March 27). *What Makes You Healthy Contest Winner Reports*. Reach out Recovery. <https://reachoutrecovery.com/what-makes-you-healthy-contest-winner-reports/>

Honors / Awards

Tau Beta Pi Member	Nov 2023
Honors Undergraduate Thesis Scholarship	Oct 2023
Research and Mentoring Program	Oct 2023
Summer Undergraduate Research Fellowship, Track 1	May 2023
Dean's List for Spring 2023	Sep 2023
President's Honor Roll for Fall 2022	Feb 2023
Phi Eta Sigma Honor Society Member	Jan 2023
Knights of Distinction Member	Jan 2023
2022 Launching Leaders in the Arts Competition Winner	Apr 2022
2021 Rotary Healthy Teens Art/Media Competition Runner-up	Sep 2021