

Claire To

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Education

University of California, Irvine
B.S., Computer Science, Expected 2025
Specialization: *Algorithms and Intelligent Systems*

Orange Coast College
A.S., Computer Science, 2023
A.A., Liberal Arts, 2023

Research

Dept. of Computer Science, UC Irvine
Undergraduate Researcher
Project: Analyzing the Academic and Social Integration of Transfer Students
Compared to Direct-Admit Students to Identify Barriers and Enhance
Student Support in 4-Year Universities
Project: Investigating the Capabilities of Generative AI in
Solving Data Structures, Algorithms, and Computability Problems

ICT Natural Language Dialogue Group, USC
REU Summer Research Intern
Project: Analyzing Human Communication and Interactions with a Robotic
Swarm during Emergencies in a Virtual Reality Wildfire Simulation

Teaching

Dept. of Computer Science, UC Irvine
Reader/Grader, Data Structures & Algorithms, 2024

Code Ninjas, Fountain Valley
Instructor, Intro to Programming and Game Development, 2021-2022

Publications

“Investigating the Capabilities of Generative AI in Solving Data Structures,
Algorithms, and Computability Problems,” SIGCE 2025

C. To, S. Nasihati Gilani, and D. Traum, “Common Strategy Patterns of
Persuasion in a Mission Critical and Time Sensitive Task,” SEMDIAL 2023

Honors and Awards

UC Regents’ Scholarship, UC Irvine
Campuswide Honors Collegium, UC Irvine
M. Wang Women in Computer Science Scholarship, OCC
Garrison Honors Program, OCC