Adrian Chang

1667 Corte Orchidia | Carlsbad, CA 92011 | Phone: (760) 429-8756 | E-Mail: anchang2001@gmail.com

Linkedin | Github | Website

EDUCATION

Brown University, *Sc.B. Computer Science Honors*, 3.95/4.0 GPA   Providence, RI | Class of 2023
Pacific Ridge Highschool, 4.50/4.00 GPA   Carlsbad, CA | Class of 2019

TECHNICAL EXPERIENCE

Vision Systems Inc, *Research Developer*   Cambridge, MA | May 2023 - February 2025
- **NeRF** and **3D Gaussian Splatting** for sparse view 3D reconstruction and mixed modality imagery (aerial + ground)
- 3D segmentation with satellite imagery

Brown University, *Undergraduate Research Assistant*   Providence, RI | January 2022 - May 2023
- Undergraduate Research Assistant in the Brown Visual Computing Lab advised by Professor Daniel Ritchie working on **Indoor Scene Synthesis**

Brown University, *Undergraduate Teaching Assistant*   Providence, RI | January 2021 - May 2022
- Computer Graphics (**C++ : Qt**) Fall 2022
- Deep Learning (**Python : Tensorflow**) Spring 2022
- Introduction to Computer Systems (**C**, **x86 Assembly**) Fall 2021
- Object Oriented Programming (**Java**) Spring 2021

Openprise*, DevOps Software Engineering Intern*   Carlsbad, CA | April – August 2021
- Ensured product QA by enhancing the central testing framework
- Containerized testing framework with **Docker**

PUBLICATIONS

- Adrian Chang, Kai Wang, Yuanbo Li, Manolis Savva, Angel X. Chang, & Daniel Ritchie. (2025). Learning Object Placement Programs for Indoor Scene Synthesis with Iterative Self Training. https://arxiv.org/abs/2503.04496

COMMUNITY EXPERIENCE

Big Brothers Big Sisters of America, *Youth Mentor*   Cambridge, MA | July 2024 - Present
Brown University, *Organizer of Brown Jazz Jams*   Providence, RI | September 2021 - May 2023

SKILLS

Technical Skills:
- Professional: Python, Pytorch, Git
- Proficient: C, C++, Docker