

Thomas 승호 Chang

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EDUCATION

The University of Chicago

Bachelor of Arts Computer Science, Specializing in Human-Computer Interaction
Bachelor of Arts Visual Arts
GPA: 3.715/4.0

Chicago, IL
Expected: June 2025

St. John's School

High School Diploma

Houston, TX
May 2021

EXPERIENCE

A*STAR – Agency for Science, Technology and Research

Undergraduate Researcher

Singapore
June 2024 – Present

- Gained hands-on experience with 3D reconstruction, rendering, and computer vision techniques, including Photogrammetry, Structure from Motion, NeRFs, and 3D Gaussian Splatting. Developed efficient pipelines for large-scale indoor rendering utilizing mobile and equirectangular images.
- Created custom datasets and trained object detection/segmentation models, including YOLOv8, to enhance datasets for accurate 3D point cloud estimation.

TipTop Technologies

Software Engineer Intern

Sunnyvale, CA (Remote)
October 2023 – May 2024

- Developed full-stack web applications using React JSX, Python Flask, and MySQL, acquiring experience across the software development lifecycle.
- Analyzed Gen Z's usage of AI models to lead product design think-tanks to drive innovative solutions.

YMCA of Greater Houston – International Services

Immigration Representative and Legal Office Clerk

Houston, TX
July 2022 – September 2022

- Performed legal research, data analysis, data visualization, and system optimization.
- Drafted client proceedings, applications, and amendments of asylum seekers; ensured comprehensive and effective representation for clients.

WIMMEL Design & Construction

Project Supervisor Intern

Houston, TX
June 2021 – September 2021

- Served as the primary liaison between project teams, contractors, inspectors, and clients, coordinating resources and resolving on-site challenges to maintain project momentum, uphold quality standards, and meet deadlines.
- Collaborated closely with architects and designers to manage the acquisition of project materials and samples.

Urban War Zone Paintball

Field Instructor and Referee

Houston, TX
June 2020 – August 2020

Fresco Café Italiano

Dishwasher and Busboy

Houston, TX
June 2018 – September 2018

LEADERSHIP & ACTIVITIES

Festival of the Arts

Board Member and Designer for Recognized Student Organization (RSO)

Chicago, IL
March 2024 – Present

ENoK – Empower North Koreans

Director of Engagement for Recognized Student Organization (RSO)

Chicago, IL
March 2022 – Present

- Led tutoring initiatives for North Korean defectors, focusing on English language skills and cultural exchange to empower them to thrive and pursue their goals confidently in new environments. Recruited, trained, and managed a team of tutors to support these efforts.
- Organized RSO events and collaborated with campus groups to develop and launch community-building programs aimed at strengthening student connections and support.

Check This Out Mom

Entrepreneurial Artist

Houston, TX
August 2019 – Present

- Started a self-taught freelance photo and videography business after a high school sports injury, now leveraging it to build a personal brand and showcase my artwork.

University of Chicago Varsity Wrestling

174lb Varsity Wrestler

Chicago, IL
October 2021 – June 2023

SKILLS

Spanish (conversational), Korean (basic), French (basic), Final Cut Pro, GarageBand, Procreate, Photoshop, Google Workspace, Microsoft Office Suite, Manual Transmission Operation, Texas Boater Education Certified, Python, C, HTML, CSS, Proficiency with Hand and Power Tools