

PROFILE

Two years ago, I decided to pursue my passion in the field of AI. I joined a Master's program while maintaining a full-time job. The AI field unleashes my creativity and allows me to build fun and meaningful projects. I enjoy every moment of being in this field.

RESEARCH PROJECTS

Vertex2Image - Construct Human Figure Based On A Monocular Video
Published At ACM IUI 2023 Conference

3D Pose Estimation From Multi-View 2D Joints' Locations
Target At ICCV 2023 Conference

WORKING EXPERIENCES

HanMa Cemetery Service LLC, Harbin, China
Remote Contractor

Aug 2022 - Nov 2022

The company provides cemetery services for Muslim communities in China. The business part I involved in is to use the ArcGIS interface to provide tomb locations based on name searches.

- use a self-supervised model to generate pseudo labels in their raw image dataset for downstream applications
- design a deep learning model to recognize text information in the images and reduced 76% of the workload for employees
- create an internal tool to increase employees' productivity. The average input time of an employee is reduced from 90 seconds per image to 30 seconds per image

Sci-Bots LLC, San Francisco, CA
Founder

Jan 2021 - Jun 2022

Sci-Bots is a non-profit organization that teaches kids between 6 and 10 years old to learn about micro-controller, programming, and robotics in a fun way. We collaborate with DJI and MG Space to design the curriculum. Our website: www.sci-bots.org

- serve as the main curriculum designer and developed 3 classes
- train lecturers for new class materials every week
- supervise class flow and progress

CP Capital Group Inc., Dixon, CA
Assistant Manager

May 2017 - Jan 2023

The company owns several hotel businesses in the Bay Area and operates tourism business for regular travel groups, student groups, and delegation groups.

- oversee daily operations
- establish and maintain relationships with vendors and clients
- prepare monthly and yearly data dashboard

EDUCATION

Master of Science in Computer Science **Graduated on Dec. 2022**
San Francisco State University, San Francisco, California

Master of Business Administration **Graduated on Jun. 2019**
San Francisco State University, San Francisco, California



**ZACH Z.
WANG**

Software Engineer

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zachs-playground.github.io

LinkedIn:

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Primary Languages:

C++, C#, Python, CUDA

Familiar Languages:

HTML, CSS, Javascript

Focus Areas:

Computer Vision,
Virtual Reality,
Deep Learning,
Reinforcement Learning,
Simulation