

## 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](http://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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**GitHub:**

zachs-playground.github.io

**LinkedIn:**

<https://www.linkedin.com/in/zach-wang-784b1a90/>

**Primary Languages:**

C++, C#, Python, CUDA

**Familiar Languages:**

HTML, CSS, Javascript

**Focus Areas:**

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