

LEO CHEN

SOFTWARE ENGINEER

CONTACT

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EDUCATION

COMPUTER ENGINEERING

DECEMBER 2024

Purdue University

West Lafayette, Indiana

3.5/4.0 GPA

KEY SKILLS

Advanced: Python, C++

Intermediate: Bash, MATLAB

Beginner: HTML, JavaScript

Fluent in English and Mandarin

PAPERS

2023 Low-Power Computer Vision Challenge (LPCVC) Summary

<https://arxiv.org/abs/2403.07153>

PROJECTS

Voice Activated ChatGPT

Urban Movement Simulator

PROFILE

Growth-centric and detail-oriented software engineer who has focused on developing a well-rounded skillset. Experienced in computer vision, object-oriented programming, and AI models.

Personal Website: <https://leochen21.github.io/LeoC.github.io/>

EXPERIENCE

PURDUE LOW POWER COMPUTER VISION

Research Co-Team Leader

Served as co-team leader on an undergraduate research team for edge device computer vision competitions. Managed webserver linked with GitHub for the purpose of hosting the competition page and polished the automatic evaluation system. Responsible for writing summary paper, bug fixing server/code issues, and responding to questions posed by competitors.

ACUINAS

Software R&D Intern leader

Coordinated with diverse team of interns as software leader to build startup which connects musicians to investors. Conducted analysis on data retrieved from Spotify API and various online databases. Utilized XGBoost AI algorithm to forecast the likelihood of musical success based on Spotify metrics. Used this data to create actionable insights for musicians.

LIFESTYLES FOR THE DISABLED

IT intern

Provided services as IT intern in a daycare company for primarily autism patients. Updated software used by both clients and staff, and researched upgrades to existing hardware. Managed campus Wi-Fi and provided technical assistance where needed.