Pinran (Jason) Cheng

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Education

University of California, Los Angeles

Expected graduation: June 2025

- B.S. in Computer Science
- 4.0 cumulative GPA
- Officer of the CS honor society Upsilon Pi Epsilon

Experience

Wind River – Intern VxWorks Platforms

June 2022 – Sept. 2022

- Wrote test procedures for the VxWorks kernel message queue component to achieve DO-178C certification

Major League Hacks – Open Source Fellow

Jan. 2022 – Apr. 2022

Skills learned: Python, Android development

- Contributed to Facebook's experimental tool for native code debugging on Android
- Refactored and wrote unit tests for the debug bridge module

Daily Bruin – Bruinwalk Intern

Since Oct. 2021

Skills learned: Git/Github workflow, Docker, Django, web design

- Redesigned the homepage and professor pages on bruinwalk.com
- Wrote an AWK/Perl script to automate replacing colors in SCSS

Projects

TRAINER

Made with: React Native, Expo, TensorFlow

- An exercise assistant that uses the TensorFlow OpenPose AI model to count your workout reps
- Won "Most Popular" at CincyHacks 2021

RendeYou

Made with: Express, MongoDB, React

- A MERN stack web app that lets users share and coordinate events with their friends

Awards

- 2020 American Invitational Mathematics Examination top 15%
- USA Computing Olympiad Silver Division

Other Skills

- Mandarin Chinese
- Teaching/explaining things to others
- Attention to detail