Pinran (Jason) Cheng

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Education

University of California, Los Angeles
Expected graduation: June 2025
- Pursuing a B.S. in Computer Science
- 4.0 GPA

Experience

MLH Open Source Fellow   Jan. 2022 – Apr. 2022
- Worked on Facebook's experimental CLI tool for Android native debugging (and-tool)
- Refactored Python modules to reduce repetition, wrote documentation/unit tests from nearly nothing, and developed a module to abstract different VCS's

Daily Bruin Intern   Since Oct. 2021
- Wrote components and styles for the bruinwalk.com redesign (specifically home, aggregate, and dashboard pages)
- Made a tool to automatically replace color codes in SCSS
- Fixed a Django cache bug that was generating scrambled HTML
- Working on an interactive enrollment distribution graph

Awards

- GunnHacks 7.0 3rd Overall (2021)
- CincyHacks 2021 "Most Popular"
- American Invitational Mathematics Examination top 15% (2020)
- USA Computing Olympiad Silver Division (2018)

Technical Skills

HTML	Express	Java	SQLite
CSS	Expo	Kotlin	Docker
JavaScript	Python	Android	CMake
Node.js	Django	C/C++	Unix
React	FastAPI	MongoDB	TI-BASIC

Projects

TRAINER   React Native/Flask
github.com/Pranav-Chati/CincyHacks
- Exercise assistant that uses the TensorFlow OpenPose model to count workouts
- Won "Most Popular" at CincyHacks 2021

RendeYou   React/Express/MongoDB
github.com/bliutech/RendeYou
- MERN web app for event sharing, coordinating, and rendezvous
- Check it out at rendeyou.bliu.tech

Cooking Assistant   Kotlin
github.com/MLH-Fellowship/ssw-meta-orientation
- Android recipe book that lets users navigate through voice commands

PokePal   React/FastAPI
github.com/jc65536/PokePal
- Search for and save your favorite Pokemon
- Entirely individual project

phbot   Java
github.com/jc65536/phbot
- Discord bot that uses the Google Classroom API to display assignment information

Gas Simulator   C++
github.com/jc65536/gas-simulator
- Visualizes gas particle motion when heated/cooled
- Dumps velocity information for graphing

Other Skills

- Languages: English, Mandarin
- Public speaking
- Attention to detail