James Ma

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Languages

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- Javascript
- HTML & CSS
- C++ & C
- C#
- Python
- Bash

Skills

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- Web Development with React and Node.js
- Web Scraping with Python
- Game Development with Unity
- Unix-based command line
- Git version control

Awards

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- Best Game at UCLA ACM Hackathon - 2/23/2020
- First Place at UCLA ACM Hack Kitchen Coding Competition - 11/24/2019

Organizations

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- UCLA ACM
- UCLA UPE CS Honor Society
  - Top ⅓ of UCLA CS

Education

University of California, Los Angeles

B.S. in Computer Science, expected March 2023, GPA 3.9

Relevant Coursework:

Data Structures and Algorithms, Operating Systems, Assembly and Parallel Optimization, Software Construction, Logic and Digital Systems.

Projects

Personal Website: (React, Node.js, Next.js)

https://jamesma.vercel.app

- Created a personal website to host my blog and display personal programming projects.
- Used Next.js dynamic routing in combination with static site generation to simplify the addition of new blog posts.

Clique: (React, React Bootstrap, Firebase)

https://github.com/dchung21/clique

- Collaborated with a team of four to create a social media web app during a hackathon.
- Utilized Cloud Firestore NoSQL database along with React Bootstrap to fully construct both the frontend and backend of real-time chatting and conversation tracking software.

Automatic Checkout Bot: (Python3, Selenium)

https://github.com/james168ma/supreme-bot

- Scripted a web scraper for expediting and automating checkout for the Supreme clothing web store.
- Accumulates information from a user-generated config file and uses Selenium to purchase desired items at the desired time.

Meteor Metronome: (Unity, C#)

https://github.com/Lancival/HOTHVII

- Worked with a team of four to create a rhythm-based Asteroids shooter during a hackathon.
- Programmed asteroid spawning and asteroid movement aspects of the project using builtin Unity objects and functions.

Experience

Girls Who Code / Volunteer Computer Programming Teacher

SEP 2017 - MAR 2019, SAN FRANCISCO, CA

- Developed curriculum, gave lectures, and led students through projects to teach JavaScript to a class of 30.