Chris Ho

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EDUCATION

Oregon State University | Bachelor of Science in Computer Science   Expected Graduation Date: June 2027
- Activities: Hackathon Club – Lead Officer, ACM, App Development Club

EXPERIENCE

Teaching Assistant   June 2023 - July 2023
Punahou School
- Implemented engaging lessons and projects to introduce fundamental coding concepts to 6th graders.
- Troubleshot technical issues students encountered while using Scratch block-based programming.
- Collaborated with the lead instructor and teaching assistants to create an inclusive learning environment.

PROJECTS

Oregon State Hackathon Website | React.js, Javascript, HTML, CSS, Bootstrap, Netlify
- Developed a responsive and mobile-friendly website for the OSU Hackathon Club.
- Utilized the React Bootstrap CSS library to quickly style pages with a consistent design layout.
- Enhanced interactivity with animations, icons, and search engine optimization tweaks.

Menu Webscraper SMS Texter | Python, BeautifulSoup, Twilio
- Designed an automatic webscraper with BeautifulSoup for a frequently changing restaurant menu website.
- Notified users about menu updates daily via phone text using Twilio's SMS API.
- Deployed the application online using GitHub Actions cloud hosting service.

Slingshot Video Game | C#, Unity
- Created a 2D mobile game with physics mechanics, user interface, and touch controls.
- Optimized game performance by utilizing object-oriented programming principles and efficient data structures.
- Tested game thoroughly for a smooth user experience before publishing online.

Patent Searcher Desktop GUI | Python, TkinterGUI
- Integrated United States Patent Office API to allow users to search for patent information.
- Designed a custom visually appealing user interface using Tkinter GUI library.
- Identified errors by using debugging tools and resolved them.

SKILLS

Languages: Python, C#, JavaScript, Swift, HTML, CSS

Technologies: React.js, Git, GitHub, VSCode, BeautifulSoup, Webscraping, Twilio, Bootstrap, Netlify, Unity

AWARDS & HONORS

1st Place 2023 National LifeSmarts Trivia Championship – Served as Team Captain

Top 4 High School Teams 2021 Hawaii Annual Code Challenge Hackathon