Olivia Zhang

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EDUCATION

University of Maryland   **College Park, MD**
B.S. in Computer Science   *Expected May 2027*
Relevant Coursework: CMSC 131: Object-Oriented Programming, CMSC 132: Object-Oriented Programming II, CMSC 216: Introduction to Computer Systems, CMSC 250: Discrete Structures, CMSC 330: Organization of Programming Languages, CMSC 351: Algorithms

SKILLS AND PROJECTS

Programming: Java, JavaScript, HTML, CSS, C, Python
Design: Figma, Wix, Adobe XD
Languages: Fluent in Chinese and English

App Development Club - Children's National Hospital Project   **September 2024 - PRESENT**
➔ Building a Flutter and Python-based mobile application for a compact, universal CO_2 sensing system for tracheostomy tubes to provide continuous and remote monitoring and quickly find complications in non-ventilated pediatric patients

Den Anxiety Relief App - Buildspace   **June 2024 - August 2024**
➔ Built a mobile application to reduce or soothe anxiety and panic attacks using activities like guided meditation, breathing exercises, and fidget toys for the Buildspace Nights and Weekends program.
➔ Developed using React Native, Expo, and Firebase

App Development Club - Children's National Hospital Project   **January 2024 - May 2024**
➔ Worked with the Children's National Hospital to build a web-based application for detecting cervical range of motion (rotation, flexion, and extension) using facial data acquired using the camera from a mobile device (such as a smartphone)

LEADERSHIP EXPERIENCE

UMD Bitcamp   **October 2024 - PRESENT**
Design Team Organizer
➔ Spearheaded graphic design, product design, and immersive UI/UX development for the event website, ensuring a seamless and engaging experience for participants

UMD Taiwanese American Student Association (TASA)   **February 2024 - PRESENT**
Junior Officer, Night Market Decorations Head, Tour of Taiwan Decorations Advisor
➔ Plan and execute general body meetings and special events for club members and the general public
➔ Led a committee of about 20 people in organizing decorations for Night Market and Tour of Taiwan, the organization's two most significant events

WORK EXPERIENCE

UCSD Mobile App Staff and Student Collaboration   **June 2022 - September 2022**
Intern/Volunteer
➔ Collaborated with the University of California, San Diego's Information Technology Services (ITS) team to update the campus mobile app; used Flutter and AWS to update historical parking data for students

Panera Bread   **March 2022 - August 2023**
Team Member
➔ Handled register and phone orders as well as dining room cleaning in a busy, fast-paced environment