Christopher Tang

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EDUCATION

University of Maryland, College Park   **College Park, MD**
B.S. Computer Science, GPA: 3.592   *May 2024*
Sustainability Studies, Geospatial Information Science (Minors)

- **Relevant Coursework:** Object-Oriented Programming, Computer Systems, Algorithms, Introduction to Data Science, Advanced Data Structures, Artificial Intelligence, Programming Handheld Systems, Human-Computer Interaction, Computational Game Theory, Applied Probability and Statistics
- **Recipient: Scholars Citation** from the **Environment Technology and Economy** Scholars Living Learning Program

EXPERIENCE

Environment Technology and Economy First Year Colloquium   **August 2022 – May 2024**
Teaching Assistant   *College Park, MD*

- Grade over **80 weekly student submissions** for content, course connections, and quality with three other teaching assistants
- Lead **weekly in-class discussions** to facilitate understanding of the weekly lecture material
- Meet once a week with Program Director to discuss upcoming responsibilities and **lesson plans**

PROJECTS

Map Diary| *Swift*   **June 2023 – Present**

- Developed IOS application using **MapKit** to allow users to document their travels including photos, reviews, and location names
- Used map annotations and custom data structures to save trips based on their unique **geographic coordinates**
- Analyzes users real world location to allow for easier comprehension of the map and locational relativity

Seeing Green | *Angular*   **April 2022 – April 2023**
Lead Software Developer

- Developed app with 1 teammate in **Angular** using the **Ionic** platform to increase sustainability awareness across users
- Implemented a series of questions based on the user's daily choices to test users on their sustainability score

TECHNICAL SKILLS

Programming Languages:
     Proficient: Java, Python, Swift, SwiftUI, MATLAB, R, JavaScript, HTML/CSS
     Intermediate: C, Ruby, OCaml, Rust, Angular, Arduino
Tools: Pandas, Node.js, MongoDB, React, PuLP, ArcGIS