MERRICK TIAN

UNIVERSITY OF MARYLAND, COLLEGE PARK
B.S. COMPUTER SCIENCE (FALL 2021)

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Education

GPA: 3.798 | Dean's List: Fall 2018-Spring 2020
Organization of Programming Languages
Intro to Computer Systems • Discrete Structures
Object-Oriented Programming • Algorithms
Intro to Artificial Intelligence • Multivariate Calculus
Programming Language Technologies and Paradigms

Technical Skills

Java	HTML	Git
C	CSS	Unix
Ruby	JavaScript	Assembly
OCaml	React	Unity
Python	GSAP	Heroku

Professional Experience

Web Development Intern   **Jun 2020 - Sep 2020**
Cmind Inc | https://www.cmind-ai.com/   **Boston, MA**

- Created a visually appealing and dynamic web product through close collaboration with the back end team by visualizing compiled financial and risk score data.
- Updated and maintained the web product using **BitBucket** as development advanced through the early stages of public distribution.
- Utilized **React** and **JavaScript** to construct several features currently available on the web product, including market tracking features, peer group analysis, and earning call graphs.
- Mentored another web development intern by providing learning resources, helping with debugging, and overlooking their first assignment.

Undergrad Student Researcher   **Aug 2018 - Dec 2019**
FIRE: The First-Year Innovation & Research Experience   **College Park, MD**

- Collaborated with the Phillips Collection to utilize augmented reality and virtual reality to develop innovative ways to explore and learn from museums.
- Constructed a mobile application using **Unity, ARCore, and C#** that generated an interactive gallery, which included videos, art, transcripts, and audiotapes.
- Got Invited to the Summer Research Fellowship Program, where I worked closely with my advisor and peers to further each other's projects and research.

Personal Projects

Data and Cloud Computing Society

- A club dedicated to learning about cloud computing, data, and information technology through semester-long projects to give exposure and teach members.
- Projects include deploying a WordPress website with **AWS** by creating an EC2 instance, and we plan to use the **MERN** stack for the current project.

Cake Animations

- Created a fun reactive website using **HTML, CSS, JavaScript, React, and GSAP** to practice web development and experiment with GSAP.

Basic Calculator

- Created a basic standard calculator using **JavaScript** and **React** to practice fundamental concepts and to get familiar with React.

Sierokarte Bot

- Constructed a Discord bot using **Python** to improve the quality of life for beginners in the video game Granblue Fantasy.
- Maintained a codebase on **GitHub** with a team of three, and hosted the bot temporarily using **Heroku.**