

MERRICK TIAN

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

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Education

GPA: 3.763 | 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 at Cmind Inc

Boston, MA

<https://www.cmind-ai.com/>

Jun 2020 - Aug 2020

- Created a visually appealing and dynamic web product through close collaboration and visualized compiled financial data and risk score data produced by the back end team.
- 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. These features include but are not limited to market tracking, 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 Research Assistant at FIRE

College Park, MD

Aug 2018 - Dec 2019

- 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 research and help the development of each other's applications.

Personal Projects

Data and Cloud Computing Society

- A club dedicated to learning about cloud computing, data, and information technology by conducting semester-long projects to give exposure and teach members how to use available services and technologies.
- 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 centralized codebase on **GitHub** with a team of three, and hosted the bot using **Heroku**