

MERRICK TIAN

UNIVERSITY OF MARYLAND COLLEGE PARK
B.S. COMPUTER SCIENCE (FALL 2021)
CLASSICAL MYTHOLOGY MINOR

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Technical Skills

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

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

Professional Experience

Web Development Intern at Cmind Inc
<https://www.cmind-ai.com/>

Boston, MA
Jun 2020 - Aug 2020

- Created a visually appealing and a dynamic web product through close collaboration and visualization of compiled financial and risk score data.
- Updated the web product as development advanced through early stages of public distribution.
- Was responsible for several features currently available on the web product.
- **React, JavaScript, Visual Studio, and Bitbucket.**

Undergrad Research Assistant
FIRE: The First-Year Innovative Research Experience
Phillips Virtual Culture

College Park, MD
Aug 2018 - Dec 2019
Research Advisor: Kyungjin Yoo

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

Personal Projects

Algorithms

- Assisting comprehension of popular algorithms by creating a dynamic web interface
- **HTML, CSS, JavaScript, React, and GSAP.**

Cake Animations

- Created a fun reactive website through practicing web development and experimenting with GSAP.
- **HTML, CSS, JavaScript, React, and GSAP.**

Basic Calculator

- Created a basic standard calculator through practicing fundamental concepts of React.
- **JavaScript and React.**

Sierokarte Bot

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