

# Merrick Tian

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## Objective

Obtain an internship for the summer of 2020 that strengthens programming skills in a real world setting

## Education

University of Maryland, College Park, MD  
Bachelor of Science, Computer Science

Current GPA: 3.720  
Anticipated to graduate in May 2022

## Honors

Dean's List, University of Maryland

Fall 2018, Spring 2019

Outstanding Achievement in Computer Science, Sharon High School

June 2018

## Technical Skills

Programming Languages: *Experienced:* Java, C, Ruby, OCaml; *Intermediate:* C#; *Beginner:* R, Python

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## Research Experience

### Undergrad Research Assistant

College Park, MD

FIRE: The First-Year Innovative Research Experience

August 2018 - Present

Phillips Virtual Culture

Research Advisor: Kyungjin Yoo

- Collaborating with Phillips Collection to utilize augmented reality, virtual reality, and beacon-based mobile location intelligence in order to develop innovative ways to explore and learn from museums.
- Developing and managing our own research proposal along with being responsible for constructing our own application, and continuing progress from summer.
- Utilizing and gained experience with Unity, ARCore, and C#.

Summer Fellow Program

May 2019 - July 2019

- Selected by FIRE faculty to participate in an 8-week immersive research experience, spending 18 hours a week to work closely with the research educators and peers
  - Investigated if augmented reality can be used to generate interest outside of the museum by integrating Jacob Lawrence's Migration Series into an application using Unity, C#, and ARCore.
  - Attended weekly seminars regarding professional development, continued education, and communication skills
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## Other Experience

**Wispring Education Development Foundation** | <http://www.wispring.org.cn/>

Hunan, China

Teaching Assistant and Teacher

July 2016 and July 2018

- A nonprofit organization set in China dedicated to provide education to those living in rural areas.
- Aided coworkers and taught English to a class of 20 to 30 students between the ages of 12 to 15.
- Managed and organised courses, entertainment, and student needs for two weeks with about 30 other volunteers.

### High School Sailing Team

Sharon, Massachusetts

Crew

September 2014 to May 2018

- Competed on varsity team for three years.
- Engaged with teammates and coach to optimise strategies and maneuvers during practice and competitions.
- Joined with almost zero prior experience in sailing, yet still achieved many accomplishments such as:
  - 1st place in the 2017 Carl Zimba MBL Regatta (Mercury Silver Fleet)
  - 1st place in the Massachusetts Bay League (2016 and 2017)