

## **EDUCATION**

### **New Horizons Governor's School for Science and Technology (Dual Enrollment Program with Virginia Peninsula Community College) (2020-2022)**

- *Junior Coursework:* Calculus BC, Advanced Chemical Analysis, Research Methodology & Ethics
- *Senior Coursework:* Applied Calculus, Advanced Biological Analysis, Honors Research and Mentorship, Statistics I

### **Tabb High School (2018-2022)**

- *AP Coursework:* AP Art History, AP Psychology, AP US History, AP Human Geography, AP Language and Composition, AP Microeconomics, AP Macroeconomics, AP US Government and Politics, AP English Literature and Composition
- Graduated with a GPA of 4.6 on a 5.0 scale

### **College of William and Mary (2022-Present)**

- Pursuing B.S. in Computer Science, Class of 2026
  - *Relevant coursework (2022-23):* Computational Problem Solving, Data Structures, Competitive Programming, Discrete Math

## **RESEARCH EXPERIENCE**

February 2021

Examining the Statistical Relation between Demographics and COVID-19 Infection with Subsequent Application

October 2021- May 2022

Investigating the potential negative side effects of oral nonsteroidal anti-inflammatory drugs (NSAIDs)

## **SKILLS/TECHNOLOGIES**

- Python
- JavaScript
- HTML
- CSS
- Pandas
- Numpy
- Web scraping
- Jupyter Notebook
- Git version control

## **EXPERIENCE**

- **Whim**
  - Resolved six front-end development issues  
(In development: <https://whim.azurewebsites.net/home>)
- **United States Geological Survey, The National Map Corps**
  - Identified over ten features as a volunteer
- **TED**
  - Transcribed academic seminars as a volunteer
- **Freelance audio engineer/producer**
  - Created over two hours of audio for commercial applications (FL Studio, Ableton, GarageBand, Audacity)

## **LANGUAGES**

- English
- Chinese (Simplified)
- Taiwanese Hokkien

## **ACTIVITIES**

- William & Mary Google Developer Student Club (**2022-Present**)
  - Contributed to the debugging of two front-end issues under the guidance of team/project leads