

# Thomas Varano

## Computer Science Student

### Contact

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### Education

University of Maryland – College Park  
Bachelor's in Computer Science  
Minor in Mathematics  
Graduation: May 2023  
GPA: 3.95      ACT: 34  
SAT Math II: 800      SAT Physics: 740

### Skills

Java	C
JavaScript	Assembly (MIPS)
Python	BASH / tcsh
Git	LaTeX
HTML / CSS	Windows / MacOS / Linux

### Relevant Coursework

- |  |   |  |
|--|---|--|
| • <b>CMSC 132:</b> OOP II                    | • <b>MATH 241:</b> Calculus III                     | • <b>MATH 401:</b> Applications of Linear Algebra        |
| • <b>MATH 240:</b> Linear Algebra            | • <b>ENES 210:</b> Entrepreneurial Opportunity      | • <b>CMSC 330:</b> Organization of Programming Languages |
| • <b>CMSC 250:</b> Discrete Structures       | Analysis and Decision-Making in Technology Ventures | • <b>CMSC 351:</b> Algorithms                            |
| • <b>CMSC 216:</b> Intro to Computer Systems |   |  |

### Projects

**Portfolio Site** • Personal Project 2019-2020  
• Created and maintained a website holding resume, contact, and bio information.  
• Used **HTML**, **CSS**, **jQuery**, and **Python** to host on **Google Cloud**.

**Career Day** • School Project 2018-2019  
• Sorted 800 students to their preferred Career Day speakers in accordance with their top choices and an assortment of variables.  
• Lead a team of 12 student programmers in **Java** and **Python** using **Git** to merge different groups' code to a final project.

**Agenda** • Personal Project 2017-2018  
• Kept track of rotating schedules, labs, GPA, and time management for high school students.  
• Released an app for OSX, iOS, and web, using **Java**, **Swift**, and **HTML**, **CSS**, **JS**, and **Python** respectively

Project links: [www.tomvarano.com/about](http://www.tomvarano.com/about)

Github: [github.com/tvarano](https://github.com/tvarano)

### Experience

**Teacher's Assistant** • APCS • Pascack Hills High School Sept 2018 - June 2019  
• Taught students fundamental programming techniques, focusing on Java. Helped debug and analyze students' projects.  
• Co-found Advanced Topics in Computer Science class, with curriculum involving Python, webdev, Swift, and Arduino.

**Kitchen Supervisor** • LifeCafe • Life Time Fitness May 2017 - Feb 2020  
• Oversaw a staff of 7 servers, line and prep cooks to run a bistro kitchen

References available upon request.

### Activities / Leadership

#### College:

- Open Sourcery
  - Head of Social Media / Outreach
  - Open Source Project / Workshop Club
- Sigma Phi Delta
  - Professional / Social Engineering Fraternity
- CompuTerps
  - CS Discussion Club
- Running Club

#### High School:

- Computer Science Club
  - founded new computer science class
- AV Club – President
- DECA (Business Competition) – State finalist
- Jazz Band - Band Leader
- Track and Field - Captain