

Michael Song Li

limichael319@gmail.com | (301) 803- 0135 | itsmichael.dev

13703 Ginkgo Terrace, Rockville, MD 20850

Education

Thomas S. Wootton High School, Rockville, Maryland (Graduation: June 2023), *Junior*

GPA: 4.0/4.0; 4.8/5.0 (weighted)

ACT: 35; PSAT: 1490

Awards: AP Scholar with Distinction (2021), American Computer Science League Finals individual qualifier (Senior div.), USACO Silver

Relevant Coursework: Programming 3, AP Computer Science A, AP Physics C, AP Calculus BC, AP Language, AP Physics 1, Hon. Biology, Hon. Chemistry

Experience

CodeDay DC, Washington, DC

Regional Manager/Sponsorship Team Lead, September 2021-Present

- Supervised an outreach team responsible for contacting and obtaining sponsorships; sent out over 100 weekly sponsorship emails
- Guided a marketing team through the process of contacting high schools and promoting the event through email and social media.

Kids for Code Non-Profit Organization (<https://kidsforcode.org/>), virtual
President, August 2021-Present

- Lead and organize a team of 40+ teachers in preparation for live online tutoring sessions of 500+ students
- Oversaw the management of four programming language curriculums; teaching over 1500+ students from 7 countries and 35+ US states in seasonal sessions
- Customized and updated previous curriculums to be more user friendly based on student performance on projects

Projects

Using Image Recognition and Machine Learning to Recognize Leaf Species

AI4ALL Program at the University of Maryland, July 2021

- Collaborated with a team of high school students and mentors to use artificial intelligence and image recognition to differentiate between 185 different species of leaves.
- Designed programs using Python and TensorFlow to measure the accuracy of two machine learning models and collected data to identify the model with greater accuracy.

Extracurriculars

Game Development Club, Thomas S. Wootton High School

Co-Founder/President, September 2020-Present

- Organized bi-weekly club meetings with 30+ club members to develop game development skills in Unity engine and Scratch
- Mentored various club members in the basics of Unity, motivating them to pursue unique game styles; created and revised original Unity technical guides for club distribution

Competitive Programming Club, Thomas S. Wootton High School

Officer, September 2021-Present

- Taught fundamental computing topics necessary to compete in the national ACSL competition to club members, e.g. Number systems, recursion, Boolean algebra.
- Prepared and distributed materials to prepare for the national USACO competition; USACO Silver

Skills

Computer: Python, Java, JavaScript, Html, CSS, C++

Technologies & Software: Windows, Visual Studio Code, Eclipse, Next.js, Firebase, Unity, NumPy, Slack