

Tyler Lin
3443 Arcadia Drive
Ellicott City, MD

(443) 766-2143 (cell)
(410) 465-8678 (home)
tylerhlin@gmail.com

Objective

Inquisitive and motivated sophomore at CHS seeking internship or job opportunities involving software development or systems engineering that require programming knowledge and/or skills in mathematics.

Education

- **Centennial High School** Howard County, MD
Computer Programming Career Academy Aug. 2017 - Present
 - **Statistics:** 4.64 WGPA, 1540 SAT, Rank 4 in class
 - **Relevant Courses:** Comp Sci Principles AP, Prin. of Java Programming G/T, Calc AB AP, Calc C/Multivar. Calc AP
 - **Extracurriculars:** Math Team, Math Journal, FBLA, Varsity Tennis
 - **Awards:** 6x Principal's Honor Roll, AMC 12 School Winner, AIME Qualifier

Skills

Languages: C++, C#, Java, Javascript, L^AT_EX

Tools: Microsoft Office, Google Suite, Scratch, Eclipse, Microsoft VS, Unity

Operating Systems: Windows, macOS, Linux, Raspbian

Miscellaneous: logical thinking, ability to adapt and grasp new concepts and interfaces, working in a team

Projects

PotatoCraft (2015 - 2017) A Minecraft server created on a Raspberry Pi with PHP that hosted as many as 50 players at one time and ranked top-100 in the world (out of around 10,000)

The Monster's Memory Center (2016) A website that detailed the events of chapters 11 and 12 in Mary Shelley's *Frankenstein* with visuals and text
Won 2017 MD Society of Educational Technology Award for Multimedia

Mathematics in Basketball (2019) An article for Centennial High School's math journal which used mathematical modeling and data from the NBA in an attempt to maximize the theoretical efficiency of a basketball team

Volunteer Experience

- **Lutheran Village at Miller's Grant** Ellicott City, MD
Assisted Living Volunteer Oct. 2018 - Present
 - Assist the elderly with various activities ranging from using the gym to playing bingo.
 - Create calendars and posters with technology to be used by those with limited vision.
- **Cultivating Talent Day School** Jiangyan District, China
Volunteer Teacher July 2016
 - Taught a class of children in China basic English for a few weeks
 - Designed custom interactive lesson plan featuring songs and activities that engaged the students