Jason Liu

jasonjliu.com

703-732-0816 – jliu1052@gmail.com

EDUCATION

University of Wisconsin-Madison   Madison, WI
- ❖ Bachelor of Computer Science   *Sept. 2017 – May 2021*
- ❖ Major: Computer Science

Thomas Jefferson High School for Science and Technology (TJHSST)   Alexandria VA
- ❖ Jefferson Diploma   *Sept. 2013 – June 2017*
- ❖ ACT: 35 Reading: 36 Math: 36 Science: 34 Reading 33
- ❖ AP Computer Science: 5; AP Calculus AB/BC: 5; AP Psychology: 5, AP Statistics: 5, AP Government: 5

COURSEWORK

AP/post-AP Courses*:

TJHSST Web and Mobile Research Lab	AP Physics C; M and EM
AP Computer Science A + Data Structures	Multi-variable Calculus
Artificial Intelligence 1 and 2	Linear Algebra
Computer Vision	AP Statistics
Web Application Development	Mobile Application Development

*Post-AP signifies a course above AP level that requires one or more AP courses as a prerequisite.
**Note: many are unlisted

EXPERIENCE AND LEADERSHIP

Capital One: Associate Software Engineer   *June-August 2017*
     Helped maintain and develop banking web application using JS, AngularJS, HTML, CSS
     Learned and used agile to collaborate with other programmers, teams, and managers
Brain Health Alliance: Software Intern   *June-September 2016*
     Collaborated with high school and college students under supervision of Dr. Carl Taswell
     Investigated potential of NEXUS-PORTAL-DOORS system for the semantic web
STEMBassadors: Teacher Assistant   *June-September 2015*
     Worked with elementary school children to help develop STEM interests at an early age
     Organized and lead math, science, and tech experiments among 1st to 6th graders
Piano   *2004-Present*
Teknos Science and Technology Journal: Senior Editor   *2013-2017*
PC Rebuilders   *2014-2017*
Capital Food Bank   *2013-2017*
Thomas Jefferson Active Minds   *2014-2017*
App Development Club   *2016-2017*
Thomas Jefferson Crew (Winter/Spring) and Resilient Rowing (Summer/Fall)   *2013-2017*

HONORS AND ACHIEVEMENTS

National AP Scholar	*2017*
AP Scholar with Distinction	*2016*
Jefferson Crew Most Valuable Player	*Summer 2016*
Scholastic National Championship Regatta Men's Varsity Second 8+	*Spring 2014*
2nd Place VA Scholastic Rowing Championships Regatta Men's Varsity Second	*Spring 2015*
The National Academy of Future Scientists and Technologists Award of Excellence	*2014*

SKILLS

Programming Languages: Java, Python, JavaScript	App Development: Android, XML, Firebase
Web/Mobile Dev: HTML, CSS, JavaScript, jQuery, PHP	Tools: Git, GitHub, Android Studio
Libraries/Frameworks: MySQL, MongoDB, Node.js, Angular.js	Misc.: Agile, Fedora