**Jason Liu**

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**Education**

**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 | AP Language and Composition |
| Mobile Application Development | AP United States History |

*\*Post-AP signifies a course above AP level that requires one or more AP courses as a prerequisite.*

*\*\*Note: some 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

Web/Mobile Dev: HTML, CSS, JavaScript, jQuery, PHP

Libraries/Frameworks: MySQL, MongoDB, Node.js, Angular.js

App Development: Android, XML, Firebase

Tools: Git, GitHub, Android Studio

Misc.: Agile, Fedora