**Jason Liu**

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12468 Meadow Hunt Drive, Fairfax, VA

**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: 5; AP Calculus BC: 5; AP Psychology: 5

**COURSEWORK**

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| --- | --- |
| *\*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 |
| AP United States History | Linear Algebra |
| AP Psychology | AP Government |
| Web Application Development | AP Language and Composition |
| Mobile Application Development | Artificial Intelligence 1 and 2 |

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

**Experience and Leadership**

*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:*

*Practice and compete in recitals*  *2004-Present*

*Teknos Science and Technology Journal:* Senior Editor *2013-Present*

*Edited and helped publish premier science journal for TJHSST*

*Helped organize the club to work efficiently when reading, rating, and choosing articles*

*PC Rebuilders*  *2014-Present*

*Built and refurbished donated and broken laptops to donate to students who need them*

*Capital Food Bank*  *2013-Present Thomas Jefferson Active Minds* *2014-Present*

*App Development Club 2016-Present*

***Thomas Jefferson Crew (Winter/Spring) and Resilient Rowing (Summer/Fall:*** *2013-Present*

*Varsity**2014-Present*

*Trained year round up to 3 hours a day/ 6 days a week*

**Honors and Achievements**

*Jefferson Crew Most Valuable Player Summer 2016*

SRAA National Championship Regatta Men’s Varsity Second 8+  *Spring 2014*

2nd Place VA Scholastic Rowing Championships Regatta Men’s Varsity Second *Spring 2015*

AP Scholar with Distinction *2014*

*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, Linux