

Jason Liu

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EDUCATION

Thomas Jefferson High School for Science and Technology (TJHSST)

Alexandria VA

Sept. 2013 – June 2017

- ❖ Jefferson Diploma –
- ❖ 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

**AP/post-AP Courses:*

TJHSST Web and Mobile Research Lab
AP Computer Science A + Data Structures
AP United States History
AP Psychology
Web Application Development
Mobile Application Development

AP Physics C; M and EM
Multi-variable Calculus
Linear Algebra
AP Government
AP Language and Composition
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

App Development: Android, XML, Firebase

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

Tools: Git, Github, Android Studio, Linux

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