

Education *Thomas Jefferson High School for Science & Technology* 2014 - Present

Work Experience *Research Intern - Children's National Medical Center* 2017 - Present
Perform computational analysis to identify and rank genes linked to Autism Spectrum Disorder.
Python + R/RStudio

Relevant Coursework

AP Computer Science A + Data Structures	Advanced Analog Electronics
Web Application Development	AP Calculus
Mobile Application Development	Design and Technology
Foundations Computer Science Accelerated	Digital Input Technologies
Computer Vision	Computer Solutions

Skills *Software Languages* Java, Python, Flask, C++, R, JavaScript, Node.js, Cheerio.js, Express.js, SQLite, React, Socket.io, jQuery, AJAX, HTML/CSS, SQL, XML
Software Applications Git + GitHub, Android Studio, RStudio, React Native, Firebase, MongoDB, Adobe Creative Suite (e.g. Photoshop, Premiere Elements), Cinema 4D Studio, MSFT Office Suite

Extra-Curricular Activities *FIRST Robotics (7 years)*
Head of programming and community outreach. State level finalist in First Lego League for three years. Reached Super-Regional level in First Tech Challenge for four years. Won 20+ awards.

Spreading Technology and Robotics Together (3 years)
Created START program to teach robotics to children with autism.

Sports Statistics Club (2 years)
Officer, Web Administrator, and Author for sports blog and forum using statistical analysis.

Mobile/Web Development Club (2 years)
Club dedicated to learning and applying Mobile/Web Development skills. Used JavaScript, Java, Swift, React Native, Git, Cloud9, Gulp, HTML/CSS, Leap Motion, and more.

Kids are Scientists Too (2 years)
Tutored underprivileged elementary school students in STEM.

Hackathon Winner – Hackital 2017
Awarded Second Place Overall. Built application that digitizes the political polling process. *Python + JavaScript + jQuery + AJAX + HTML/CSS + Flask + MongoDB + Java + XML*. bit.ly/2jONS51

Hackathon Winner – PennApps XVI
Awarded Hasura Special Prize. Built mobile application that digitizes the line waiting process. *JavaScript + jQuery + AJAX + HTML/CSS + Apache Cordova + Hasura*. bit.ly/2xarvxe

Hackathon Winner – HackTJ
Awarded Best Financial Hack, Top 10 in BigParser Code Jam, and Top 5 Presentable Hack. Built group investment web platform. *Python + JavaScript + Node.js + Express.js + jQuery + AJAX + MongoDB + HTML/CSS*. bit.ly/2pEyjSC

Science Fair Winner – TJHSST Science & Engineering Fair
First place in Behavioral and Social Science projects; moved on to Regional level. Studied the effect of birth-order on students' achievement in competitive vs. noncompetitive environments.

eCYBERMISSION (2 years)
Won \$4,000 for RFID-powered item tracking device and competed at State level.