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WORK AND VOLUNTEER EXPERIENCE

- 2015-Present **TJ Student Systems Administrator**
Help set up and maintain school's servers as well as perform other technology-related tasks. Specifically, help develop and maintain the TJ Intranet, Ion.
- 2015-Present **Project CODEt Head of Finance**
Organization aims to expose elementary and middle schoolers to Computer Science early on. Contacted more than 40 companies and acquired sponsorships from companies such as MongoDB and Pebble for organization's first big event, CODEt Day. Also teach at periodic workshops.
- 2016-Present **TJ Peer Tutor**
Tutor others who need help in Artificial Intelligence.
- 2012-Present **Neighborhood Swim Team Coach**
Coach neighborhood swim team year-round.
- 2012-Present **Babysitter and Petsitter**
Regularly take care of neighbors' children and pets with good referrals.

ACADEMIC AND EXTRACURRICULAR ACTIVITIES

- 2015-Present **TJ Intermediate Computer Team Captain**
Write and give lectures every other week as well as assign lectures to other officers for weekly meetings. Take care of logistical tasks such as creating selection processes for choosing members to participate in competitions. In the first American Computer Science League (ACSL) contest, which is the main contest the team participates in, 7 out of 45 members received perfect scores.
- 2015-Present **TJ Senior Computer Team**
Learn algorithms and participate in contests.
- 2014-Present **PC (re)Builders**
Refurbish old or broken computers and donate them to those in need.
- 2015-Present **TJ National Honor Society**
Uphold character, scholarship, leadership, and service.
- 2006-Present **Piano**
Have played piano competitively for many years and graduated from Associated Board of the Royal Schools of Music (ABRSM) Grade 8 (highest grade) with merit. Currently play at charity events and for personal enjoyment.
- 2013-Present **TJ Cross Country and Track**
Participate in school's cross country, winter track, and spring track programs.

AWARDS AND ACHIEVEMENTS

- Summer 2016 **MIT Beaver Works Boot Camp Program**
Selected by Artificial Intelligence teacher (Dr. Peter Gabor) as the male representative of TJ to participate in this program held by MIT. Beaver Works is a joint center chartered by the MIT School of Engineering and Lincoln Laboratory. Four-week free summer program where we work with faculty and students in teams to program mini autonomous cars. Special focus on research.
- March 2016 **Perfect Score on SAT**
Received a 1600 on the new SAT.
- Summer 2014 **Camp Rising Sun**
Full-scholarship, 7-week international camp established in 1930 promoting leadership and service. Planned and led project to construct a sundial, which became a symbol for the camp.
- MAR. 2016 **1st Place in IDT Programming Contest**
Worked with a team in this contest held by Innovative Defense Technologies (IDT). Teams had to provide IDT, the "customer," with a robust package tracking solution. Out of about 60 teams that participated, about 20 were able to submit full solutions. Won \$1500 for TJ and received tablets for winning 1st place.
- FEB. 2016 **Best Website at HackTJ 2016**
Worked with team of four to develop website. Selected best website out of 120 teams.
- MAR. 2015 **1st Place in Radford CTF**
Organized a team in this computer security competition hosted by Radford University, and awarded a scholarship.
- APRIL 2015 **1st Place in Chemathon**
Selected into a team of six from sophomore class to compete in this chemistry competition hosted by the University of Maryland. Competed in lab- and test-based events.
- MAR. 2015 **4th Place in PClassic**
Competed with a team of four in this 4-hour algorithmic programming competition held by the University of Pennsylvania.
- FEB. 2016 **USACO Gold Division**
Promoted into Gold Division of the USA Computing Olympiad (USACO), which hosts four online algorithmic programming contests each year.
- MAR. 2015 **UVA Enactus Case Competition**
Selected as part of the top 4 from TJ Future Business Leaders of America (FBLA) to participate in this case competition hosted by the University of Virginia. Given a case for a real local company called The Pie Guy and had to develop solutions for the company.
- 2013-2015 **Four Gold Medals on National Latin Exam**
Received a gold medal on every National Latin Exam taken, from Latin 1 to Latin 4.
- SEPT. 2015 **AP Scholar**
Earned a 5 on all AP exams taken: Biology, Computer Science, and Statistics.
- MAY 2013 **NVMTA Sonata Festival Winner**
Selected as a winner in this competition hosted by Northern Virginia Music Teachers Association (NVMTA) and performed at winners' concert.