Evans Jae-Hyuck Chun

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Birthdate & Age: 05/12/2003, age 16

Citizenship: U.S. Citizen

Dates of Availability:

Summer 2019: 13 July- 23 August 2019

Work Objective:

I would like to utilize my skillset and STEM interests with a job in the Math/ Chemistry/ Computer Science programming fields.

Education:

I attend Thomas Jefferson High School for Science and Technology. I am currently a sophomore graduating in June 2021: enrolled in AP Chemistry, AP Computer Science A+, Precalculus, and Research Statistics 2 (AP).

GPA: 4.168/4.0

PSAT 8/9 Math - 720 Language – 650 TOTAL – 1370

PSAT 10 Math - 760 Language - 680 TOTAL – 1440

Technical Skills:

* Programming in Java (APCS and Data Structures, Foundations of Computer Science)
* Chemistry Lab experience (Chemistry 1 Honors, AP Chemistry)
* Prototyping experience (Robot Project in Freshman Year)

Work Experience:

* Helped TJ Certamen(Latin Quiz Bowl, biggest Certamen in Virginia.

Research/Programming Projects:

* AP Computer Science Labs: Many labs which integrate logical thinking with programming to create several JAVA programs to solve complex problems involving recursion, strings, ArrayLists, ListNodes, Stacks/Queues, Trees.
* IBET (Integrated Biology, English, Design & Technology) Project: A freshman research project in which the overpopulation of white-tailed deer (Odocoileus virginianus) was studied. Our group attempted to ascertain the cause of the overpopulation and found that wind did not yield statistically significant results.
* Chemistry Labs: Many labs which integrate problem-solving and an in-depth understanding of laboratory science to fully interpret and understand different units such as Quantum Chemistry in which we did a lab on Hydrogen Spectroscopy.
* Freshman Robot Project: A project in which the freshmen were all tasked to individually create a robot that can navigate a maze while collecting balls (similar to Pac Man). Several other criteria were also judged including, but not limited to, Speed and Torque.

Extracurricular Activities:

* Flute: Played flute since 5th grade, in both Elementary School (Churchill Road ES), Middle School (Longfellow Middle School), All District Band (District 10), and Inpass Orchestra (Community Service)
* Latin: I was a team captain for Certamen, a QuizBowl-like competition focusing on the Roman Classics.
* Chemistry: I am part of the Chemistry Team Club and attend regular meetings in which advanced post-AP concepts are taught and creative labs are conducted.
* Intermediate Computer Team (ICT): I have attended ICT meetings this year to understand and learn more about the different concepts that can be used in JAVA.

Awards/Honors:

* Writing
  + 2018 PTA Reflections (3rd Place Poem Schoolwide) - A competition among TJHSST students in which writing is judged holistically by a set of teachers. All writing is compared (poems vs. essays. vs research papers)
  + 2018 6th Annual Dokdo Essay Contest (3rd Place Internationally) – A writing competition to raise awareness of the Korean Island of Dokdo and its history.
  + 2018 For the Love of Country Writing Competition (3rd Place Fairfax County) – A writing competition to spread awareness of voting
* Latin
  + Virginia JCL State Convention – A rigorous classical competition that consists of 6 tests in various classically themed subjects in which students can compete at the state level. It is also an art competition for various categories including colored pencil and black ink.
    - 2017 Convention:
      * 1st Black Pen, 2nd Color Pencil, 4th Mottoes (English & Latin Mottoes and Abbreviations), 5th Pentathlon (All-around test), 9th Vocabulary (Latin and English), 10th Sweepstakes (All-around students) for 9th Graders
    - 2018 Convention:
      * 2nd Roman History (All of Roman History), 3rd Maps, 4th Illustrated Quote, 4th Sweepstakes (All-around students) for 10th Graders, 6th Sight-reading (Latin), 7th Pentathlon (All-around students for all tests)
  + Certamen:
    - Captain of Latin 1 Certamen A Team for several Certamen
      * 1st Place Kick-Off Certamen, 1st Place Flint-Hill Certamen, 4th Place State Certamen
    - Captain of Latin 2 Certamen B Team for several Certamen
      * 3rd Place Basis DC Certamen
  + National Exams:
    - NLE (Gold Medal) – An exam for Latin Students in the USA
    - NJCL Etymology (Gold Medal) – An examination testing English Etymology from Greek and Latin words
    - NJCL Vocabulary (Gold Medal) – An examination testing Latin Vocabulary
* Math
  + 2 Time AIME qualifier (2017 2019)
  + Part of TJHSST’s Math team for ARML in 2017, 2018, and 2019.