**Key Expertise**

I am passionate about the STEM courses, especially mathematics and computer science, and have solved many real-world problems using these STEM skills. As a computer programmer, I have extensive experience in the following programming languages: Python, Java, Ruby, Unix, PowerShell, CMD, C#, HTML, JavaScript, Objective C, and R. In each of numerous activities of exploration, I have built and developed my skills in computer programming, logic, and math skills.

**Education**

* Presently enrolled in Tracy High School as a Junior, set to graduate in May’20
* Previously enrolled in 42 Summer School
  + developed skills in the Ruby and Python programming languages

**Courses and Skills**

* Student of Biotechnology for two years
  + Labs completed include:
    - DNA extraction, PCR multiplication, and analysis
    - Conductivity measurements
    - Growing Escherichia coli HB101 bacteria and Yeast cells on petri dishes
    - Transform E. coli HB101 bacteria
    - Determining properties of bacteria
* Advanced Mathematical subjects
  + Excelled in Geometry, Algebra 2, Precalculus, and Calculus
* Social Sciences and English
  + Highly-developed skills in topic research and time management
* Sciences
  + Understanding of Chemistry, Biology, and Biotechnology subjects and their integration with hands-on lab work
* Computer Science
  + Logic-developed and versatility in different languages

**Key Accomplishments**

* Honorable Mention in Avinash Raina Math Competition in Geometry division
* 1st place in Avinash Raina Math Competition in Precalculus division
* Top 10 in Science Olympiad Write It/Do It event

**Extracurricular Activities**

* Tutoring
  + I tutor several high school students in the STEM fields, specifically math and science, and have been doing so for over 1 year
  + I tutor some middle-schoolers in all subjects for over 4 years
* Makerspace
  + Designing and building a magnet levitated train using physics and 3D-printing
* Math Club
  + Developing skills in higher-level mathematics, including Calculus and Precalculus and testing them at the end of the year
* Programming
  + Working with several different languages to create the best product of the activity
  + Worked with several different types of hardware and software, including Raspberry Pi 3, Apple Mac, and Windows, as well as different operating systems of Linux, Mac OS X, Windows XP, 7, 8, 10
* Programming Club
  + To collaborate information and aid in understanding the activity
* Academic Decathlon
  + Studying Africa and the 1960s in length from various subjects
* Taekwondo
  + 2nd Degree Black Belt
* Marching and Concert Band
  + Developed appreciation for playing music as a percussionist
* Science Olympiad
  + Six-year participant
  + A team member of various build and study events
* Reading as a pastime
* Caring for pet animals
  + Two hamsters, one cat, and 2 dogs
* Walking/Cycling outdoors
  + to appreciate the outdoors and to maintain the self