Maanas Peri

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Education: Sr 12th Grade
East Lake High School - Sammamish.

AP Courses @ High School:

- **2016 - 2017**
  AP Computer Science Principles , AP Chemistry, UW Pre-Calculus
- **2017 - 2018**
  AP Computer Science Java, AP Physics 1, AP Language & Composition, AP Calculus AB
- **2018 - 2019**
  AP Calculus BC, AP Statistics, UW Language and Composition.

Experience:

Summer Program at Harvard   (June 2017 - July 2017)

- I took AP Calculus AB and BC during this seven week program to challenge myself to the rigor of an organized and well-structured college class.

Summer for Gifted Students at Yale ,Connecticut   (June 2016)

- Participated in the Summer for Gifted Students at YALE University for a period of 4 weeks where in i took courses in Astronomy, Math Calculus, SAT Prep.

Coder DOJO Seattle chapter (2012 - 2015)

Coder Dojo is a global network of free, volunteer-led, community-based programming clubs for young people from age seven to seventeen. Classes are held every Saturday in downtown Seattle At Amazon HQ.

- Attended Coder Dojo most of my middle school every week throughout the year.
- Learned the basics of Computer Science on Scratch Pad
- Learned Python and basic concepts of Java programming
- Participated in yearly Hackathons

Activities:

- Founder & President of the Girls Can Code club (2016-2017)
- Founder & President of Competitive Coding Club (2017 - 2018)
- Active Math Honors Society Club member.
- Active DECA Club Member.
- Robotics Club Member - 2016 - 2017

Awards & Honors
- Representing Washington State at International Career Development Conference - ICDC in Atlanta - April 2017.
- Participated in Khan Academy BreakThrough Jr Challenge 2017 - Made to top 20% Percent
- Represented Robotics competition at WA State and Internationals - 2016 & 2017.
- Semi-finalist at Washington State Science And Engineering Fair (**WSSEF**): Presented "Machine Learning algorithm with Tensor flow using K Means Clustering to detect Threat Objects" such as guns.

Skills & Interests
Programming Languages-
- Java , Python Basics, Machine learning Algorithm K Means Clustering ,Tensor Flow.
- Open CV, Unix Basics.

Activities.
- **Seattle to Portland (STP)** bicycle -One day rider 2016
- Enjoy Chess, Tabla Indian Drums and Art.

Certifications Completed.
Completed the following Certifications from CS50Edx Online Courses.

- AP Computer Science A: Java Programming - Oct 16 2016 PurdueX - CS180.1x

- AP Computer Science A: Java Programming Loops and Data Structures - Dec 4 2016.

  PurdueX - CS180.2x

- AP Computer Science A: Java Programming Classes and Objects - Feb 2017 PurdueX - CS180.3x

Summer Internship.
- AI Programmer at Gozo Cabs an Uber model for long distance travels in India.
- Developed an application to help drivers from distracted driving while texting and sleeping (drowsiness) at the wheel.
- This application was developed using Open CV3 and Python3.7 and later ported to Android App.
- Developed Facial Recognition app to id drivers for security, using OpenCV3 and Python 3.7.