

ALLEN PEI

HIGH SCHOOL STUDENT

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🌐 PeiAllen

Hi, I'm an avid Competitive Programmer and Mathematician with an interest in spreading to other branches of computer science. I work with passion and I hope to meet many new people and make many new friends.

Skills

COMPUTER SCIENCE

C++
Competitive Programming
HTML
JS
Python
React

MATHEMATICS

Education

University of Toronto Schools

Sept. 2016 to Current

Projects

UTS Portal App Nov. 2019 to Current
With friends from Gr 12, I have helped to design an UTS app to help UTS students manage their schedules and receive school publications. We will soon be starting Beta Testing.

Contests on Dmoj May 2019 to Current
I have been involved in the creation of 7 competitive programming contests on dmoj.ca each with more than one hundred participants from all the world.

EarthSense Dec. 2019 to Dec. 2019
IoT Device Designed at HackTheHammer II, which won second place. It is connected to React frontend for smart environmental data collection. Has SMS alerts and simulation of a heatmap + pathfinding to help users get from one point to another while avoiding pollution.

Olympiads Computing Competition Aug. 2019 to Aug. 2019
Helped to create and set problems for an onsite competitive programming competition at Olympiads School, a Saturday school with hundreds of students and International Olympiad Alumni. One hundred plus people wrote the contest and close to a hundred people participated onsite.

Awards

Hack The Hammer · Hack The Hammer II 2nd Place Dec. 2019
Hackathon of Hundreds of Highschool students.

Waterloo CEMC · Canadian Computing Olympiad Bronze May 2019
Canadian Camp of top 25 students in CCC to choose Canadian Team to send to IOI.

Education Computing Organization of Ontario · May 2019
ECCO Programming Contest 2nd Place
ECCO Programming Contest is an Ontario competitive programming contest hosted in three rounds by ECCO. Top Participants in the first and seconds rounds which are divided into regions move on to the next rounds, and in the final round the top three teams receive awards.

CollegeBoard · Preliminary Scholastic Aptitude Test 10 Score: 1480/1520 Oct. 2019
Preliminary Scholastic Aptitude Test for Grade 10s around the world centered at the United States to use to determine the receivers of the National Merit Scholarship Program. The score is within 99 Percentile of all students and could potentially be enough to qualify the National Merit Scholarship Program if American.

UTS Alumni Association · Oct. 2019
UTS Alumni Association 50th Anniversary Scholarship
The UTS Alumni Association 50th Anniversary Scholarship is given to two recipients per grade and is for character, industry, interest in extra-curricular activities and scholarship.

Activities

Competitive Programming Current
I have been an avid Competitive Programmer achieving Master on both DMOJ(dmoj.ca/user/Dormi) and Codeforces(<https://codeforces.com/profile/Dormi>).

Math Contests Current
I have been taking Math Contests since Grade 2. I have taken Math Kangaroo, Gauss, Pascal, Fyer, CIMC, COMC, and AIME.