Tate Cheng

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SKILLSET;

Programming;	Git, C++, Java, Python, R, Turing, Html, JavaScript ,Racket
Language;	Cantonese (Native) , English (Full working proficiency) , Mandarin (Professional working proficiency)
Concept;	OOP, Tree and Graph Theory, Dynamic Programming, Sorting, Optimization lambda calculus

EDUCATION:

University of Waterloo
Bachelor of Mathematics (2016-2021(expected))

Selected Coursework:
- Designing Functional Programs (Advanced Level)
- Elementary Algorithm Design and Data Abstraction (Advanced Level)
- Linear Algebra 1 (Advanced Level)
- Calculus 1 / Calculus 2 (Advanced Level)

PROFESSIONAL EXPERIENCE

One on one Tutoring
Waterloo,ON
Present

Computer Science Tutor
- Worked with first year university students at the University of Waterloo.
- Assisted students preparing for mid-term exam.
- Created sample question and demonstrated step by step thought process for solution.

MAC&PC Repair depot
Markham,ON
2015-2016

Computer Technician
- Determine the user's need and provide them with an appropriate, technical solution.
- Install, upgrade software and/or hardware as user request.
- Troubleshoot hardware and/or software problem.

TORONTO 2015 PAN AM
Markham,ON
2015

Venue Management (volunteer)
- Golf marshal ensuring athletes can focus without distraction.
- Ensure spectator receive enjoyable experience.
- Answer spectator question about the 2015 games.

SELECTED PROJECTS

Ahri Dash(in development) Aug 2016 - Present
- Play as Ahri and travel through obstacle course with spirit rush
- Powered by **Unreal Engine 4**
- Video Demo at https://www.youtube.com/watch?v=5IeYFPGf32c

Party Web Service(https://party-web-service.herokuapp.com/) July 2016- Present
- A web-based party game engine with preloaded game
- Unique function designed to keep physical interaction between player
- Build with **React**, **Material U**I, **Redux**, and **Node.Js**

AWARDS

2016 University of Waterloo President's Scholarship ($2000)
-University of Waterloo

2016 University of Waterloo Faculty of Math Entrance Scholarship ($2000)
-University of Waterloo

2016 Euclid Mathematics Contest Distinction
-University of Waterloo

2015 Canadian Senior Mathematics Contest Distinction
-University of Waterloo

2015 Hypatia Mathematics Contest Distinction
-University of Waterloo

2014 Cayley Mathematics Contest Distinction
-University of Waterloo

World Class test Problem Solving Distinction
-World Class Arena

World Class test Mathematics Distinction
-World Class Arena