

Tate Cheng

(every puzzle has an answer!)

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SKILLSET

Programming	Git, C++, Java, Python, R, Turing, Html, JavaScript ,Racket, Competitive Gaming :)
Language	Cantonese (Native) , English (Full working proficiency) , Mandarin (Professional working proficiency)
Concept	OOP, Brute Force, Greedy, Graph Theory, Dynamic Programming, Recursion, Search, Sorting, lambda calculus

EDUCATION:

UNIVERSITY OF WATERLOO

Bachelor of Mathematics (2016-2021(expected))

PROFESSIONAL EXPERIENCE

One on one Tutoring Waterloo, ON Present	Computer Science Tutor <ul style="list-style-type: none">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 <ul style="list-style-type: none">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) <ul style="list-style-type: none">Golf marshal ensuring athletes can focus without distraction.Ensure spectator receive enjoyable experience.Answer spectator question about the 2015 games.

SELECTED PROJECTS

For a full list of project please visit <https://github.com/tate1010/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=5leYFPGf32c>

Party Web Service(<https://party-web-service.herokuapp.com/>) July 2016- Present

- A web-based party game engine with preloaded game
- Cool unique function designed to keep physical interaction between people
- Build with React, Material UI, Redux, and Node.js

AWARDS

2016 University of Waterloo President's Scholarship

2016 University of Waterloo Faculty of Math Entrance Scholarship

2016 Euclid Mathematics Contest Distinction

2015 Canadian Senior Mathematics Contest Distinction

2015 Hypatia Mathematics Contest Distinction