

# Tate Cheng

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## SKILL

**Languages** C++, Java, Python, R, Turing, Html, JavaScript ,Racket

## PROFESSIONAL EXPERIENCE

**One on one Tutoring**  
Waterloo, ON  
Present

**Computer Science Tutor**

- Worked with first year students University 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 the League of Legend Champion : Ahri and travel through obstacle course with with spirit rush
- Gameplay demo footage available at [youtube.com/watch?v=MRUzIjC1izA](https://www.youtube.com/watch?v=MRUzIjC1izA)
- Powered by Unreal Engine 4

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

- A web-based party game engine with preloaded game for cool people
- 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

## EDUCATION

### UNIVERSITY OF WATERLOO

Bachelor of Mathmatics (2016-2021(expected))

### MARKVILLE SECONDARY SCHOOL

High School Diploma (2012-2016)