

# Alexander Egorov

UNIVERSITY OF WATERLOO · COMPUTER SCIENCE

Waterloo, ON, Canada

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*"The important thing is not to stop questioning. Curiosity has its own reason for existing"*

## Summary

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Current Computer Science student at the University of Waterloo. Experienced in object-oriented programming. Have competed in dozens of online competitive programming competitions and have solved hundreds of problems focusing on algorithms and data structures (using C++). Working knowledge of web development (HTML, CSS, Javascript, jQuery, Node.js, MongoDB). Passionate about programming and am always looking forward to picking up new skills or sharpening up old ones.

## Projects

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### Just Type- [github.com/pwnclub/just-type](https://github.com/pwnclub/just-type)

BUILT WITH TKINTER AND MATPLOTLIB USING PYTHON 3

Aug. 2017

- offline, minimalist typing speed test application
- live WPM (words per minute) or CPM (characters per minute) display and graph
- leaderboard, randomly generated tests, test using custom input, graphs showing progress over time

### Kinect 4- [github.com/pwnclub/kinect-4](https://github.com/pwnclub/kinect-4)

BACKEND BUILT WITH PYTHON 3, FRONTEND WITH JAVASCRIPT, HTML/CSS

Nov. 2017

- web game that consists of playing Connect 4 against an AI using hand motion controls
- project made in a group of four at Hack Western 4
- worked on some of the backend, used the Leap Motion API to turn movements into instructions, designed all art assets

## Honors & Awards

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**Governor General Academic Medal**, Sir Allan Macnab Secondary School

2017

**President's Scholar of Excellence (\$10000)**, University of Toronto

2017

**Faculty of Math Entrance Scholarship (\$8000)**, University of Waterloo

2017

**317/11288 participants (Gold Medal)**, HackerRank Week of Code 34

2017

## Education

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### University of Waterloo

[Waterloo, Canada](#)

B.S. IN COMPUTER SCIENCE

Sep. 2017 - Exp. 2022

- Faculty of Math Entrance Scholarship and President's Scholarship of Distinction

## Competitive Programming

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### Profiles

A COLLECTION OF A FEW OF MY PROBLEM SOLUTIONS - [GITHUB.COM/PWNCLUB/COMPETITIVE-PROGRAMMING](https://github.com/pwnclub/competitive-programming)

- HackerRank (97.44th percentile) - [hackerrank.com/pwnclub](https://hackerrank.com/pwnclub)
- DMOJ - [dmoj.ca/user/pwnclub](https://dmoj.ca/user/pwnclub)
- Codeforces- [codeforces.com/profile/pwnclub](https://codeforces.com/profile/pwnclub)
- AtCoder- [atcoder.jp/user/pwnclub](https://atcoder.jp/user/pwnclub)

## Work Experience

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### Lone Star Texas Grill

[Ancaster, Canada](#)

KITCHEN ASSISTANT

Oct. 2015 - Aug. 2016

- Did food prep, made sure kitchen was clean, washed dishes