

# 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

- Experienced in object-oriented programming
- 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) from online bootcamp
- Quick learner, passionate, always looking forward to picking up new skills or sharpening up old ones

## Projects

### 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

### Doctor DMs- [github.com/pwnclub/phone-doctor](https://github.com/pwnclub/phone-doctor)

BACKEND BUILT WITH STDLIB, FRONTEND WITH VUE.JS

Jan. 2018

- Project made in a group of four at DelatHacks IV, Winner of the Stdlib API prize and Top 6 Finalist
- Text a number symptoms/age/sex to get formatted medical information from the Apimedic API in both text form and as a link to a detailed Vue.js site
- Worked primarily on the frontend (Vue.js app)

## Honors & Awards

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

2017

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

2017

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

2017

**94/1343 participants (Silver Medal for Age Division)**, Road2Hope Half Marathon

2016

## Education

### 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

### Profiles

SELECT PROBLEM SOLUTIONS (CURRENTLY 100+) - [GITHUB.COM/PWNCLUB/COMPETITIVE-PROGRAMMING](https://github.com/pwnclub/competitive-programming)

- **HackerRank** (98.6th percentile) - [hackerrank.com/pwnclub](https://hackerrank.com/pwnclub)
- **Codeforces**- [codeforces.com/profile/pwnclub](https://codeforces.com/profile/pwnclub)
- **DMOJ** - [dmoj.ca/user/pwnclub](https://dmoj.ca/user/pwnclub)
- **Topcoder**- [topcoder.com/members/pwnclub](https://topcoder.com/members/pwnclub)
- **AtCoder**- [atcoder.jp/user/pwnclub](https://atcoder.jp/user/pwnclub)
- **CS Academy**- [csacademy.com/user/pwnclub](https://csacademy.com/user/pwnclub)

## Work Experience

### Lone Star Texas Grill

Ancaster, Canada

KITCHEN ASSISTANT

Oct. 2015 - Aug. 2016

- Did food prep, made sure kitchen was clean, washed dishes
- Worked efficiently by optimizing tasks, asked and agreed to cover many shifts of coworkers