

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

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) from online bootcamp. Quick learner, passionate about programming and am always looking forward to picking up new skills or sharpening up old ones.

Projects

Just Type- 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

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

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** (97.5th percentile) - hackerrank.com/pwnclub
- **Codeforces**- codeforces.com/profile/pwnclub
- **DMOJ** - dmoj.ca/user/pwnclub
- **Topcoder**- topcoder.com/members/pwnclub/
- **AtCoder**- atcoder.jp/user/pwnclub
- **CS Academy**- <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