

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

Summary

- Experienced in object-oriented programming through university coursework and personal projects
- Competed in dozens of competitive programming competitions and solved hundreds of algorithm and data structure based problems (in C++)
- Knowledge and experience with web development and practices with HTML, CSS, Javascript, React, Redux, jQuery, Node.js, Python, MongoDB

Work Experience

Bespoke Metrics

Toronto, Canada

FULL STACK DEVELOPER

May. 2018 - Aug. 2018

- Worked on a data analysis and risk prequalification application
- Built, rewrote, modified, and tested a multitude of widgets using React.js and Redux, such as an improved prequalification submission system, advanced search, geographic heat maps, and more
- Added to a Python Flask backend to provide data to widgets and user interface

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

Doctor DMs- github.com/pwnclub/phone-doctor

BACKEND BUILT WITH STDLIB, FRONTEND WITH VUE.JS

Jan. 2018

- Project made in a group of four at DeltaHacks IV, Winner of the Stdlib API prize and Top 6 Finalist
- Text a phone number your symptoms/age/sex to get formatted medical information from the Apimedic API
- Information displayed in both text form and as a link to a detailed Vue.js site

Beat Punch (Work in Progress)

BUILT IN UNITY 3D USING C#

June 2018 - Present

- Cross-platform rhythm video game with custom levels
- Voxel-based art-style - models are first drafted in 2D in paint.net and built in 3D in MagicaVoxel

Honors & Awards

Best Use of StdLib and Finalist (top 6 of 76 teams), DeltaHacks IV

2018

Governor General Academic Medal, Sir Allan Macnab Secondary School

2017

Faculty of Math Entrance Scholarship, 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

A SELECTION OF SOME OF MY PROBLEM SOLUTIONS (CURRENTLY 100+) - github.com/pwnclub/competitive-programming

- HackerRank (98.55th percentile) - hackerrank.com/pwnclub
- Codeforces - <https://codeforces.com/profile/pwnclub>