

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

Summary

- **Languages:** C++, JavaScript, Python
- **Tools:** React, Redux, Node.js, HTML, CSS, Jest, Git

Work Experience

Bespoke Metrics Inc

Toronto, Canada

FULL STACK DEVELOPER

May, 2018 - Aug. 2018

- Worked on a data analysis and risk prequalification application
- Built and tested a multitude of widgets using React.js and Redux based on designs
- Implemented an improved prequalification submission system, advanced search, and geographic heat maps
- Fetched data from a database, modified and formatted it in a Python Flask backend, and sent it to the widgets and user interface

Projects

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

BACKEND BUILT WITH STD LIB, FRONTEND WITH VUE.JS

Jan. 2018

- Project made at the DeltaHacks IV hackathon, 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

Just Type- github.com/pwnclub/just-type

BUILT WITH TKINTER AND MATPLOTLIB USING PYTHON 3

Aug. 2017

- Offline, minimalist typing speed test application, GUI built with Tkinter
- Live WPM (words per minute) or CPM (characters per minute) display and graph made with the matplotlib library
- Leaderboard, randomly generated tests, test using custom input, graphs showing progress over time

Beat Punch

BUILDING IN UNITY 3D USING C#

June 2018 - Present

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

Education

University of Waterloo

Waterloo, Canada

BACHELOR OF 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](https://github.com/pwnclub/competitive-programming)

- HackerRank (98.55th percentile) - hackerrank.com/pwnclub
- Codeforces - codeforces.com/profile/pwnclub

Honors & Awards

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

2018

Gold Medal, HackerRank Week of Code 36 (446/12748 participants)

2018

Governor General Academic Medal, Sir Allan MacNab Secondary

2017

Faculty of Math Entrance Scholarship, University of Waterloo

2017

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

2017

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

2016