

# Wayne Zhu

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## Experience

### Web Developer | Feb 2020 – Present

*NeurotechUofT, Toronto, ON*

- Responsible for writing the documentation website for Neurostack, an API focusing on streaming brain wave data to machine learning services
- Websites constructed using React, hosted on Firebase

### Software Engineer - Intern | Jul 2019 – Aug 2019

*PointClickCare, Mississauga, ON*

- Developed cross-platform dashboard analytics app using React Native, designed to monitor revenue data for Hospitals and Medical Care facilities
- Responsible for iOS development and deployment, front-end UI development, and RESTful API calling
- Collaborated with product team using Git, Bitbucket, Jira, and Visual Studio App Center

### CanHack/PicoCTF 2018 Winner | Sep 2018 – Oct 2018

*Ryerson University, Toronto, ON*

- 1<sup>st</sup> in Canada and 28<sup>th</sup> in the world, among over 27 000 participants worldwide.
- Team-based cybersecurity-oriented hackathon, on subjects such as Cryptography, Web Exploitation, and Forensics
- 80+ challenges requiring extensive use of Python, C++, Assembly, and JavaScript.

### Programming Club Co-President | Sep 2018 – Jun 2019

*Lorne Park Secondary School, Mississauga, ON*

- Overlooks daily operations of the club i.e. budget allocation, fundraising, competition organization.
- Creates and presents in-depth programming tutorials for the C#/Visual Studio platform
- Tutoring for over 30 Grade 11/12 Computer Science students, providing guidance on project structure, coding concepts, and debugging.

## Education

### University of Toronto | Sep 2019 –

*Computer Science Major – First Year*

### Lorne Park Secondary School | Sep 2015 – Jun 2019

*Enrolled in the Enhanced Program*

## Skills

### Mobile App Development:

React Native for iOS and Android

**Website Development:** React, HTML/CSS, and JavaScript.

### Full Stack Web App

**Development:** Node.js, Socket.IO, and MySQL.

### C# / .NET Framework:

WinForms desktop applications, Unity Game Engine.

**Python:** Scripting, Web scraping, Machine Learning.

## Achievements

- **CanHack 2018** – 1<sup>st</sup> Place
- **PicoCTF 2018** – 28<sup>th</sup> Place
- **PCHacks** – 4<sup>th</sup> Place
- **ECOO 2018** – 12<sup>th</sup> Place
- **Waterloo CCC** – Distinguished 90<sup>th</sup> percentile score
- **Waterloo CSMC** – Distinguished 92<sup>nd</sup> percentile score
- **Gold Key Award** for extracurricular achievement
- **Citizenship Award** for outstanding contribution to the school community
- **Student Council Executive**
- **95% academic average**
- **4x Honor Role Recipient**