

Erica Moyang Wang

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Technical Summary

Languages: Java, C++, Python, C, Unity, Swift, HTML/CSS/Javascript, PHP, MySQL

Technologies: Node.js, React.js, Angular.js, MongoDB, REST API, Tensorflow, Docker, Firebase, Git

Work Experience

Business Technology Intern

Jul, 2018 - Aug, 2018

Deloitte

- Automated insurance compensation calculation with **image recognition neural network**
- Categorized car damages by 5 types/locations and 3 levels of severity
- **Invited speaker** at Deloitte FY2018 ceremony

Founder, CEO

Nov, 2018 - Aug, 2019

AcornTalent

- Founded a screening platform that sources data science talent for financial corporations
- Lead a team of 8 developers to build web app with **Angular.js, Node.js, and MongoDB**
- Organized a 250+ participant data-thon, accumulating **\$8000+ CAD in corporate sponsorship**

Software Engineer

Jul, 2019 - Aug, 2019

URSA

- Built the URSA website from scratch using **React.js, Node.js** and **Express.js**
- Designed database architecture storing clientele information in **MongoDB**

Cofounder, CTO

Nov, 2017 - Aug, 2018

myCryptoHippo

- Founded a blockchain education and cryptocurrency trading simulation platform with annual revenue of 8000 CAD
- Developed web app using **HTML/CSS, PHP/MySQL**, and various APIs such as CoinMarketCap
- Won **\$80,000 USD in prize** from various pitch competitions against competitors from **25 countries**

Projects

Memory Hunter: AR-integrated social media platform (similar to Instagram) using **Unity** and **Google AR Core**

TourHub: Simplified travel and tour booking web service using **React, Node, Express**, and **MongoDB**

Defeat the Beat: Customizable rhythm tapping game generator integrated with **Myo Armband**

Swear Jar 2.0: Interactive device detecting obscenity and coin insert with **Raspberry Pi** and **Google Speech API**

Accomplishments

Canadian Computing Challenge

Canadian Top 50

Feb, 2019

Canadian Business Hall of Fame

Invited Speaker

Jan, 2019

SAGE Business Competition

Canadian Champion, International Medallist

Aug, 2018

Electric City Hacks

Best Adventure Hacks

Nov, 2017

Education

University of Waterloo

Sept, 2019 - Present

Bachelor of Software Engineering

- 3.95 GPA
- Engineering Society SE24 Representative, Midnight Sun (Solar Car Team) Software Developer, UW Acapella, UW Hip Hop