(Jerry) Yuan Chen

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EDUCATION

University of Western Ontario — *BSc Computer Science*
SEPTEMBER 2015 - MAY 2019

Courses: Discrete Structures, Data Structures + Algorithms, Programming Languages, Systems Programming, Applied Logic, Computer Architecture.

EXPERIENCE

Skyinquire/Crossnow, Toronto — *Software Developer Intern*
MAY 2016 - AUGUST 2016

- Used Ionic, AngularJS, and Google App Engine over 4 months to bring the app from conception to development, QA, and finally product launch.
- Developed and tested key features such as instant messaging, login flow, and user systems for both Android and iOS — www.crossnow.io.

PROJECTS

OGIB (Collaborative Ideas) — *Python, BS4, MySQL*

Reverse engineered the DOM and endpoints of Ontario's government websites to scrape and store the free information as an online service.

MeSee — *MEAN stack, HTML, CSS, Open Data, Google Maps, Yelp*

Wrote the AngularJS front-end with Google Maps to display analysed public data and suggest neighbourhoods on an interactive map. For HackWestern3.

Planet Jumper VR/SOLARPOOL — *Unity (C#), Oculus Utilities*

Modeled and scripted a VR scene of the solar system with orbiting and teleportation movement. Later refashioned to be a space-themed 3-D billiards clone. For NHacks 2016 and TOjam 2016 respectively.

INVOLVEMENT

Nspire Web Development Team
SEPTEMBER 2016 - PRESENT

Collaborated with a team to implement a website system for the Nspire student organization and its related events.

Western Founders Network Education Executive
SEPTEMBER 2016 - PRESENT

Planned and guided tutorial sessions with other executives on topics such as Shopify stores, website building, and JavaScript.

AWARDS

HackuWeather Top-4 Finalist

HackWestern3 Best Use of Public API Data

FRAMEWORKS, LIBRARIES, ETC...

Angularjs, Ionic, Nodejs, Express, CouchDB, MySQL, VueJS, D3, BabylonJS, Bootstrap, Bulma, BeautifulSoup4

TOOLS AND PLATFORMS

Google App Engine (Python). Git, Unity 5, Unix

TECHNICAL LANGUAGES

JavaScript, HTML, CSS (+ Stylus, SASS), Python, Java, C, Ruby, Haskell

SPOKEN LANGUAGES

Mandarin, English, French