(Jerry) Yuan Chen

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Education

University of Western Ontario – *BSc Major in Computer Science*   Expected May 2019

- Minor in General English
- Relevant Courses: Networks, Analysis of Algorithms, Operating Systems, Distributed & Parallel Systems

Experience

Software Developer Intern at Human eSources – *Remote*   May 2017 – August 2017

- Handled bugs and functional tests with the Symfony framework and Selenium, in preparation for a major release. (PHP)

Research Assistant at BGNlab (Wilfrid Laurier University) – *Brantford, ON*   May 2017 – August 2017

- Rapidly prototyped two games over 12 weeks to study impact on player behaviour towards climate change
- Led interface and minigame development as well as the build/deployment process. (Construct 2, XML, JavaScript)

Software Developer Intern at Crossnow – *Toronto, ON*   May 2016 – August 2016

- Used Ionic and Google App Engine over 4 months through app conception, development, QA, and launch
- Developed and tested key features such as instant messaging and login flow for Android and iOS. (Python, JavaScript)

Projects

Capacity   April 2017

- Developed the VueJS front-end with Google Places API, allowing users to report and view capacities of various locations on a map. Created for a software-engineering course project. (JavaScript)

MeSee   October 2016

- Wrote the AngularJS front-end with Google Maps API to display analysed public data and suggest neighbourhoods on an interactive map. Created at HackWestern3. (JavaScript)

OGIB (Collaborative Ideas)   June 2015

- Reverse engineered the DOM and endpoints of Ontario's government websites to scrape and store the free information as an online service using BeautifulSoup4. (Python)

Involvement

Nspire Web Development Team   September 2016 – May 2017

- Collaborated to implement a web system for the Nspire student organization and its related events.

Western Founders Network Education Executive   September 2016 – May 2017

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

Skills

Frameworks/Libraries: Angularjs, Ionic, Nodejs, Express, VueJS, D3, Bootstrap, Bulma, BS4, Symfony, Selenium
Tools/Platforms: Google App Engine, Git, Unity 5, Unix, Construct 2
Languages: JavaScript, HTML, CSS, Python, Java, C, PHP

Honours

BGNLab Climate Change Game Jam 2017 Finalist
HackuWeather 2016 Finalist
HackWestern3 Best Use of Public API Data