(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
- Fixed bugs and wrote functional tests using the Symfony framework, Selenium, and PHP for a major release

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

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

Projects

OGIB (Collaborative Ideas)   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 and Python

MeSee   October 2016
- Wrote the AngularJS front-end with Google Maps API to display analysed public data and suggest neighbourhoods on an interactive map

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

Updated September 2017