**Yang Wang**

17 Reynolds Cres

Aurora, ON, L4G7X7

(647)669-1122

yo.wang@mail.utoronto.ca

**SKILLS**

**Technical**

* Programming languages: JavaScript, Python, Java, Swift, C/C++, Matlab, Prolog, Scheme, Haskell, PHP, Perl
* Experience with web technologies: CSS, HTML, XML, Node.js, Angular
* Development tools: Eclipse, Visual Studio, Netbean
* Databases: Rational databases such as MySQL, PostgreSQL, NoSQL databases such as MongoDB
* Version control: SVN version control, Git version control
* Software Development Methodologies: Agile, Test-Driven, UML
* Knowledge of Object Oriented Programming principles and design patterns
* Knowledge of security principles
* Experienced with cloud platforms: Google Cloud Platform, Amazon Web Services, Microsoft Azure
* Familiar with operating systems: MS Windows, Linux, OS X

**Interpersonal**

* Excellent leadership and communication skills
* Creativity demonstrated through designing web application’s UI and mobile applications
* Strong problem solving skills
* Well-disciplined and efficient worker with strong ability to perform under pressure and completing tasks and assignments well before deadlines

**EDUCATION**

**University of Toronto Scarborough Graduation June 2015**

Bachelor of Science

* Computer Science Specialist Program-Software Engineering

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**PROJECTS**

**Personal Website: wangyang.ca**

* Designed and developed personal website utilizing responsive framework
* Designed and developed server side RESTful APIs
* Used HTML5, AJAX, JQuery,CSS3, SVG, Canvas
* Full stack JavaScript using MongoDB, NodeJS, AngularJS, Express
* Deployed through Bitbucket using Microsoft Cloud Platform Azure

**Wu Zi Qi: wangyang.ca/wuzi.html**

* A chess game with a simple AI using mini-max algorithm written in JavaScript
* Designed and developed rules of the game
* Designed and developed game’s interface
* The AI is able to defeat newbie players easily

**Chinese Handwriting Recognition System: wangyang.ca/recognition.html**

* Chinese handwriting recognition system by applying neural-nets and backpropagation algorithm written in JavaScript
* Designed and developed tools handling various machine learning tasks
* Achieved 95% accuracy of recognition

**Robotic Soccer Cup UTSC**

* Designed and assembled soccer playing robot with Lego MindStorms NXT Kit
* Programmed robot’s AI using deterministic finite state automata with C
* Achieved semi-finalist in soccer competition through single elimination amongst 17 teams

**HTTP Server (Course Project)**

* Used TCP/IP, SSL, HTTP, HTTPS, Socket, and Multiple-threaded
* Written in Java

**INTERESTS**

* Web technologies, Algorithm optimization, Computer Graphics