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ZICHEN JIANG

PROFESSIONAL SKILLS

Experienced with: **HTML5 & CSS, JavaScript, Git, AngularJS**
Familiar with: **Java, SQL, PHP, Python, Haskell**

EDUCATION

McMaster University   2013 – present

- Competing the third year of **Computer Science** Co-op program with GPA of 3.7

PROFESSIONAL EXPERIENCE

Teaching Assistant, McMaster University; Hamilton   2015 - present

- Assisted a course that uses functional language to implement and visualize basic computing concepts
- Guided and assisted students to solve problems in functional language during tutorials
- Came up with marking schemes for assignments and helped marking

Web Developer - Coop, AgentFlux; Markham   May - Aug 2014

- Created a web application in a team of seven people using **JavaScript**, **HTML**, and **CSS**
- Implemented APIs using **PHP** and **MySQL** with Zend Framework
- Designed and implemented a data presenting method that reduces server load, saves server storage, and enhanced data security

PERSONAL PROJECT

CentraCare, Project   Nov 2015

- Third place in the caregiver category in DementiaHack Toronto 2015
- Created a web application for caregivers to get familiar with patients beforehand using the **MEAN** stack
- Adopted and learnt AngularJS on the spot, which resulted in seamless browsing experience
- Devised modules to generate and parse different types of questions, that facilitated expansion of questionnaire

Gloss Gallery, Project   Jan 2015

- Web gallery developed as a platform for students to showcase their skills gained through a course
- Implemented customized framework using **JavaScript** that followed an MVC architectural pattern

EXTRACURRICULAR INVOLVEMENT

Head of Logistics, HackitMac - University Club   2014 - present

- Participated in building a tech community that provides opportunities to learn technologies and solve real world problem with them for McMaster students
- Kept track of hackathon planning progress, organize weekly meetings, and assign tasks to team members
- Organized one-on-one reviews with team members to access individual performance and personal growth

Volunteer, McMaster Arts for Children - University Club   2014 - present

- Participated in after school program to host crafting and art activities for elementary school students
- Hosted self-created activity on the spot when team leader misplaced the outline, which was adored by the students
- Developed various techniques to encourage, soothe, and motivate students; e.g. promised to make a drawing of anything they want if they completed the task