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ZICHEN JIANG

PROFESSIONAL SKILLS

Experienced with: **Java, AngularJS, Spring, SQL, Git**
Familiar with: **Swift, Linux, PHP, Python, Haskell**

EDUCATION

McMaster University   2013 – present
- Completing the third year of **Computer Science** Co-op program with GPA of 3.7

PROFESSIONAL EXPERIENCE

Software Developer - **Internship**, Indellient; Oakville   May 2016 – Present
- Device and accomplished file system integration with Google Drive and SharePoint
- Optimized **AngularJS** front-end and resulted in **10%** improvement in memory usage
- Design and implemented **Single-Sign-On** using **SAML** and improved identity provider installation speed by **80%**

Teaching Assistant, McMaster University; Hamilton   Sept 2015 – Apr 2016
- Taught course material on Haskell to implement and visualize basic computing concepts
- Guided and assisted students to solve problems in Haskell during tutorials
- Guided students through questions instead of giving solutions which improved students' understanding
- Rated as one of the very helpful TA by students in course evaluation

Web Developer – **Co-op**, AgentFlux; Markham   May - Aug 2014
- Worked closely with consultants to create a user-friendly and professional UI that appeals to clients
- Designed and implemented data presenting method that saved server storage by 30KB/property entry, and enhanced data security
- Facilitated web templating to improved front-end performance

PERSONAL PROJECT

CentraCare   Nov 2015
- Third place in the Family Caregiver Challenge Set in DementiaHack Toronto 2015
- Created a web application (with **MEAN** stack) for caregivers to get familiar with patients preceding their acquaintance
- Adopted and learnt **AngularJS** on the spot, which resulted in a smooth browsing experience
- Devised modules to generate and parse different types of questions, which facilitated questionnaire expansion

Gloss Gallery   Jan 2015
- Web gallery developed as a platform for students to exhibit their skills gained through CS1JC3: Introduction to Computational Thinking
- Implemented customized framework in **JavaScript** and followed MVC architectural pattern

EXTRACURRICULAR INVOLVEMENT

Head of Logistics, HackitMac – University Club   Oct 2014 – Apr 2015
- Participated in building a tech community that provides opportunities for students to learn technologies and to solve real world problems
- Kept track of hackathon planning progress, organized weekly meetings, and assigned tasks to team members
- Organized one-on-one reviews with teammates that evaluated individual performance and personal growth