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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 – 2018
- Completing the final year of **Computer Science** Co-op program with GPA of 3.7/4.0

PROFESSIONAL EXPERIENCE

Database Analyst, Indellient; Oakville   Mar 2017 – Aug 2017
- Developed a Data Warehouse with **IBM DataStage** for Online Analytical Processing
- Visualized data on **IBM Cognos Business Intelligence** to help clients analyze data and make smarter decisions
- Met with clients to discuss business needs and received positive feedback on quality of work
- Upgraded and debugged **IBM Cognos Analytics**, which resulted in **10%** faster report generation

Software Developer, Indellient; Oakville   May 2016 – Mar 2017
- Devised and accomplished file system integration with **Google Drive** and **SharePoint**
- Optimized **AngularJS** front-end and improved memory usage by **10%**
- Designed and implemented **Single-Sign-On** using **SAML** and improved 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 students through asking questions instead of giving solutions which improved students' understanding
- Rated as one of the very helpful TAs by students in course evaluation

Web Developer, AgentFlux; Markham   May - Aug 2014
- Worked closely with real estate agents to create user-friendly and professional UI that appeals to them
- Designed and implemented front-end templating method which saved gigabytes of bandwidth and storage
- Facilitated web templating which improved front-end performance and enhanced data security

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**, which resulted in a smooth browsing experience
- Devised modules to generate and parse different types of questions, which facilitated questionnaire expansion

EXTRACURRICULAR INVOLVEMENT

Project Director, DeltaHacks   May 2017 - Present
- Participated in building a community that provides opportunities for students to learn and use technologies to make real world impact
- Implemented various enhancement to create a passionate, respectful, and supportive team, which projected into the hackathon culture itself
- Coordinated one-on-one meetings with members to evaluate individual performance and create room for personal growth
- Organized social events to relieve stress, improve collaboration, and boost motivation