GUANGLEI DAI

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EDUCATIONS

Master of Engineering, McGill University Montreal, Canada · *Sep. 2011 - Dec. 2013*
Major: Electrical and Computer Engineering *CGPA:* **3.85/4.00**
Awards: Graduate Excel Fellowship(Two times)

Bachelor of Science, Shanghai JiaoTong University Shanghai, China · *Sep. 2007 - Jun. 2011*
Major: Electrical and Computer Engineering

TECHNICAL TOOLS

Programming: Java, Ruby, Ruby on Rails, Objective C, Xcode, Android Studio, C/C++, SQL, ReactJS, React-Flux, Javascript, JQuery, AJAX, PHP, HTML, CSS, Git, Matlab, LATEX

Operating Systems: OS X, Linux, Windows

WORKING EXPERIENCES

FullStack Software Engineer—Fans Entertainment Inc.(Acquired), Montreal, Canada *Mar. 2014 - Present*

- Designed and implemented a well-known venue management framework from Server BackEnd design, FrontEnd management software to IOS framework and Android library.
- Joined the start-up when it had only five developers.
- Stepped in on 3 projects that were running behind schedule and shipped them on-time.

Software Engineer—Quebec Centre For Biodiversity Science, Montreal, Canada *Jan. 2012 - Jan. 2014*

- Refactored database structure to follow object-oriented design.
- Created mechanisms to detect spamming information and block harmful data.

Research Assistant—McGill University, Montreal, Canada *Sep. 2011 - Dec. 2013*

- Improved the performance of wireless relay networks by employing supervised learning algorithms, which overcomes the limitation of conventional differential detection employed in multi-relay wireless networks over fast-fading environments.
- Implement and simulate the proposed schemes with **C** and Matlab. The proposed scheme outperforms existing technology significantly.

Mobile Developer Intern—Zhongshu Health-Tech Limited, Shanghai, China *Jan. 2010 - May, 2011*

- Developed portable blogger in JavaME.

LANGUAGES

English & Chinese(fluent), French (Working Proficiency)

VOLUNTEER EXPERIENCE

IT Director, McGill Chinese Students and Scholars Association, Montreal, Canada *Sep 2011 - June 2013*

- Designed introduction web pages for sponsors and generated newsletters to McGill students.
- Collaborated with colleagues for the organizations of banquets and social events.

Webmaster, McGill Engineering Graduate Student Society, Montreal, Canada *Sep 2011 - Aug 2012*

PROJECTS

Real-Time Guest Service in a mobile framework—Fans Entertainment Inc. Montreal, Canada *June. 2014 - Sep. 2014*

- Designed and implemented a well-known venue management framework from Server BackEnd design, FrontEnd management software to IOS framework and Android library.