Ke Zhang

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Education

Master of Computer Science - COOP
University of Ottawa, Ottawa, ON   **Sep 2012 to Dec 2014**
- GPA is 8.5/10, especially good at mathematics
- One-year Co-op work experience
- Final project doing great, so the SASS-IT office keeps me working there for the first coop term

Bachelor of Software Engineering
Changchun University of Science and Technology, China   **Sep 2009 to July 2013**
- GPA is 8.6/10
- Involved to design and build the university website
- Awarded scholarship for top 10% students for three consecutive years
- Outstanding Teacher Assistant
- Player of university soccer team
- Member of university Ethnic band and Participate in performance

Summary of Qualifications

- Good understanding of the software development life cycle, specializing in the concepts of web application development, participated in various web application projects, familiar with HTML5, CSS, DOM, asynchronous calls and JSON data transitions
- Rich work experience with PHP+APACHE+MYSQL web application development, also used framework like Lavarel to build RESTful web application
- Rich work experience in Javascript, proficiently used Express (nodeJS + angularJS) framework to build web applications during the work term
- Knowledge of J2EE through various of work-study and course projects, familiar with IDE, libraries and tools for JAVA implementation of web application and design patterns
- Openly and effectively share information, ideas, opinions and thoughts, and attentively listen to and build on the ideas of others
- Proficiently used both relational database (mysql, sql server) and document-oriented database (mongodb) during the web application development
- Data warehouse concepts and BI development knowledge through the course projects

Professional Experience

Alcatel-Lucent, Kanata, ON

Application Engineer   **Sept 2014 to Present**

- Maintain and develop new features for TS-helper, which is a PHP based web application that helps Alcatel-Lucent 7750 router support team, as well as the 7760 router users to parse and generate ts files according to the log file so that they can deal and report the issue with it in a convenient way
- Build and develop new features to booking tools used by internal employee to booking devices in the lab, it's a javascript application and using express framework (nodeJS + AngularJS)
- Maintain for the production server code, locate bug and fix exception that happened in the system

SASS-IT, University of Ottawa, ON

Web Developer COOP   **Apr 2014 to Aug 2014**

- Work breakdown: 80% development 20% client liaison
- Design and build the "indicium" system, which is a very functional inventory management system that allows all the employees in University of Ottawa to track and manage their equipment like computer, monitor, etc.
- Improve the performance and optimize the system behaviors to shorten the page loading time without affecting users

Changchun University of Science and Technology, China

Web Developer & QA   **Sep 2010 to July 2012**

- Work breakdown: 50% development 50% QA
- Application development including requirement collection, object modeling design, tier structure development and user interface design
- Evaluated and analyzed various methods to improve the system performance
- Extract testing requirements, wrote test plan and test cases based on functional specifications and system requirements
- Mentoring less-experienced programmers to solve issues during the daily work

References

Julian Huff
Software Engineer at Ackroo Inc, Kanata
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Alexandre Ono
Manager of SASS-IT, university of Ottawa
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