Jiuling Tang

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Objective

Full-time positions in computer science or software engineering

Education

Master of Computer Science
Concordia University, Montreal, Canada
GPA: 3.86/4.3
Education Period: September 2014 - June 2016
Courses: Advanced Database Technology and Applications, Algorithm Design Techniques, Computer Network, Distributed System Design, Machine learning, Compiler Design, Programming in Cloud, Software Quality Assurance

Bachelor of Mathematics
University of Electronic Sci. and Tech. of China
GPA:82.7/100
Education Period: September 2010 to July 2014
Courses: Object-oriented programming, Assembly Language, Data Structure, Advanced Database, Operating System, Software Engineering.

Language

English, Mandarin, French (Beginner)

Professional Skills

Programming Languages: **C++, Java, C, SQL, JavaScript**, Matlab, C#, Python
Algorithm: ACM contest awards, A+ grade at the course, Strong algorithm ability
Web Programming: HTML, CSS, JQuery, AJAX, JSP, Java Servlet, Node.js, AngularJS, XML, JSON, Rest API
Operating System: Linux, Windows
Repository: Git (Github, Bitbucket)
Network: TCP/UDP, Socket Programming
Framework: Play
IDE: Eclipse, MyEclipse, Microsoft Visual Studio
Database Technologies: MySQL, SQL Server, MongoDB, Hibernate
Distributed System Framework: Apache Hadoop, Map-Reduce
Test: Junit

Work Experience

2016.8-2016.9   Front-end Internship at Merinio, Montreal, Canada
· I built web pages as the design. I tried my best to make web pages user-friendly. I learned AngularJS and Grunt from the experience.

Project

2016.1-2016.4 **Developed a Student Information System (HTML/ CSS/ JavaScript/ Java/ MySQL/ Bootstrap/ AJAX/ JSP/ Servlet)**
· I tried my best to promote the security and efficiency of the system by using technologies such as transactions, filter, cache and so on.

2016.1-2016.4 **Developed a "Worker Finder" website (HTML/ CSS/ JavaScript/ Java/ MySQL/ Bootstrap/ Play)**
· I mainly worked on back-end and database.

2016.1-2016.4 **Designed and implemented a compiler (Java)**
· I designed the project and wrote about 4,000 lines of code for the project.

2016.3-2016.4 **Developed an IOS app called "Splii" (NodeJS/ MongoDB)**
· It is a app to compute the payment for each member among group of people. I wrote the algorithm to computer members' payment.

2015.10-2015.12 Make a Distributed Loan Management System (Java/ UDP/ CORBA)
· I used multi-thread to achieve high efficiency and used synchronization to synchronize threads.

2015.5-2015.6 **Scientific Calculator (Python)**
· I used wxPython library to developed GUI and I programmed computing function implementations

2014.9-2014.12 **Tower Defense Game (Java)**
· I did business logic design, programming and wrote 50 Junit test cases.
· Use Java Swing library to program the GUI. The architecture of the project was MVC.

Awards

2012.10 **Silver Medal in ACM/ICPC Asia Regional Contest Tianjin Site**

2012.04 **Gold Medal in ACM Invitational Tournament in Changchun**

2011.11 **Silver Medal in ACM/ICPC Asia Regional Contest Fuzhou Site**

Extracurricular Activities

2015.09 **Volunteer work in International Students Office, Concordia University**