Shuai Wei

155 Anderson Hwy, Apt 322, Clemson SC 29631
Cell: 8646502398 - wei6@clemson.edu

Objective

Seeking for a challenging position as a software engineer combining my skills in electrical and computer engineering and mathematics.

Education

Master of Science : **Computer Science**, 2015
Clemson — Clemson, SC, USA
Core Courses:
Computer Science: Information Retrieval, Cases Study In Operating System, Database Management System, Database Management System Design, Object-Oriented Software Design, Internetworking (GPA:3.5+).
Mathematics: Advanced Data Analysis, Scientific Computing, Stochastic Process, Math Programming (Linear Optimization), Measure and Integration, Matrix Analysis, Network Flow Programming (GPA:3.5+).

Bachelor of Science : **Electrical Engineering and Automation**, 2012
Beijing Institute of Technology — Beijing, beijing, China
Minor: Economics

Programming languages and software

- C/C++, Java, Python
- R statistics software
- PHP, HTML
- Matlab, Ample

Experience

Clemson University — Clemson, SC
Project: Information Retrieval
Build a mini searching system using Java and Hadoop tool and compare the searching performance for TF-IDF and Okapi BM25 probability model. I was mainly responsible for programming.
key words: ***Java, Hadoop***

Team Project: 2-D game
Design a shooting 2-D game written by C++, which uses following design patterns: Model-View-Controller, Singleton, Composite, Factory Method, Flyweight, Observer, Strategy, Visitor.
key words: ***C++***

Team Project: Database Management System
Complete a Media-shared System called "Metube" with Python, MySQL and Django framework. Users can register, upload, download and comment images and videos, and do some other functions similar to the Youtube's. I did the programming work.
key words: ***Python, Django, MySQL***

Beijing Institute of technology — Beijing, Beijing
Honored Team Project: Gesture Recognition Based On Data Gloves.
Implement a gesture recognition system in S3C2410 with ARM-Linux using Model-Match algorithm. By data sampling using resistances put in gloves, and data handling with model-match algorithm, a MP3 Player and a LCD Monitor show the recognition outcome.

Honors

Honorable mention, Mathematical Contest in Modeling in USA, 2011
First Prize, Undergraduate mathematics Contest In Beijing, 2010
Second Prize, Undergraduate mathematics Contest In Beijing, 2009