JUNWEI ZHAO

Phone: (732) 371-8884   2797 BPO WAY
jz337@scarletmail.rutgers.edu   Piscataway, NJ 08854

EDUCATION

Rutgers, the State University of New Jersey,   Sep.2012 – Present (GPA 3.66)
Expected Degree: Master of Science in Electrical & Computer Engineering
Expected Graduate Date: May 15th 2014

Zhejiang University of Science & Technology,   Sep.2008 – June.2012 (GPA 3.22)
Degree: Bachelor of Engineering in Management Information System

PROFESSIONAL SKILLS

Programming: C++,C,C#,Mysql,PL/SQL,SQL,PHP,HTML,Python,Java
Framework: ASP.NET, Django
Proficiency with Software Development Life Circle (Agile and Waterfall module), Website Development

PROJECT EXPERIENCE

Android App: iParking—parking assistant
- Developed an APP assisting clients find their parked cars based on Android
- Friendly functions: photo reminding message, nearest places searching (restaurant, market, gas station), timer and path guidance

Context-Aware Mobile Power Saving Strategy
- Measured and analyzed the Android smartphone power consumption characteristics in different context.
- Implemented different power optimization for different particular context.
- Achieved to reduce up to 22.2% of power consumption with this new mobile power strategy.

Stock Portfolio Management System
- Developed a stock portfolio management website (HTML+JSP+PHP+MYSQL+IIS).
- Achieved 23.82 absolute mean error and 2.87% average relative error.
- Applied machine learning to predict stock price
- Implemented data visualization tool to demonstrate predicted stock price.

NBA Champion Prediction via Weka
- Successfully predicted the NBA champion in 2012-2013 seasons based on data from last 10-year of 30 NBA teams.

Implement New Branch Prediction Strategy
- Manipulated CPU (RISC) simulator on Linux.
- Increased prediction accuracy by 5.13% (on average).
- Applied neural network in branch prediction strategy.

Online Electronic Publication Retail Website
- ASP.NET Framework based.
- Included online electronic publication retail and delivery management subsystem.
- Functions included Security Management, Tracking Information, and Organization Framework Management.
- Other basic functions: Event, Wishing list, Cart and so on.

INDUSTRY EXPERIENCE

ENFOTECH, Intern   Present
- Worked on Ensuite System
- Implemented client subsystem test and constructed application forms

UFIDA, Intern   Summer 2013
- Exception maintenance.
- Workflow construction.
- Compose Database Report Forms.

Zhonghui Accounting Firm, **Intern**   Mar.2012
- Device Maintenance works.