

JUNWEI ZHAO

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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 15 th 2014	
Zhejiang University of Science & Technology,	Sep 2008 – June 2012 (GPA 3.22)
Degree: Bachelor of Engineering in Management Information System	

INDEPENDENT PROJECT

Nickmyself.com – personal website

- Ran my homepage and my Blog use Wordpress
- Implemented Search engine optimization
- Implemented github tool for version control

NBA Champion Prediction via Weka

- ♦ Successfully predicted the NBA champion in 2012-2013 seasons based on data from last 10-years of 30 NBA teams.

COURSE PROJECT

Android App: iParking—parking assistant

- ♦ Developed an APP assisting clients find their parked cars based on Android
- ♦ Friendly functions: photo reminding message, search for nearby places (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)
- ♦ Implemented data visualization tool to demonstrate predicted stock price
- ♦ Achieved 23.82 absolute mean errors and 2.87% average relative error
- ♦ Applied machine learning to predict stock price

Implement New Branch Prediction Strategy

- ♦ Manipulated CPU (RISC) simulator on Linux using C
- ♦ Increased prediction accuracy by 5.13% (on average)
- ♦ Applied neural network in branch prediction strategy

Online Electronic Publication Retail Website

- Based on ASP.NET Framework
- Included online electronic publication retail and delivery management subsystem
- System functions: Security Management, Tracking Information, and Organization Framework Management
- Basic user functions: Event, Wishing list, Carts, etc.

INDUSTRY EXPERIENCE

ENFOTECH, Intern	Sep 2013—Present
• Worked on Ensuite System	
• Implemented client subsystem test and constructed application forms	
UFIDA, Intern	June 2013—Aug 2013
• Joined project implementation team work as consult	
• Exception maintenance and workflow construction	
• Construct database report forms base on user requirement	
Zhonghui Accounting Firm, Intern,	Mar 2012—May 2012
• Device maintenance and technical support	

PROFESSIONAL SKILLS

Programming: C++, C, C#, PL/SQL, SQL, PHP, HTML, Python, Java, Javascript
Framework: ASP.NET, Django
IDE: Visual Studio, Xcode, Eclipse, MySqlWorkBench, etc.