

JUNWEI ZHAO

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2797 BPO WAY
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EDUCATION

Rutgers, the State University of New Jersey, Expected Degree: Master of Science in Electrical & Computer Engineering Expected Graduate Date: Oct 15 th 2014	Sep 2012 – Present (GPA 3.70)
Zhejiang University of Science & Technology, Degree: Bachelor of Computer Science	Sep 2008 – June 2012 (GPA 3.22)
University of Southern Queensland, Degree: Bachelor of Engineering in Management Information System	Sep 2008 – June 2012 (GPA 3.22)

INDEPENDENT PROJECT

-
- Nickmyself.com – personal website**
- Developed my homepage and blog
 - Implemented SEO and github tool for version control
- NBA Champion Prediction via Weka**
- Predicted the NBA champion in 2012-2013 seasons based on data from last 10-years of 30 NBA teams.

COURSE PROJECT

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- MovieWeb (movie.nickmyself.com)**
- A web platform for movie fan to share their experience
 - Based on MySQL, Bootstrap (front end framework), PHP
 - Function includes: search movie, write review, comment others, etc.
- 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**
- Designed experiment to measure and analyze 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
- Stock Portfolio Management System**
- Developed a stock portfolio management website (HTML+JSP+PHP+MYSQL+IIS)
 - Applied machine learning algorithm on time stamped data to predict stock close price of next day
 - Achieved 23.82 absolute mean errors and 2.87% average relative error
 - Implemented data visualization tool to demonstrate data on website
- Implement New Branch Prediction Strategy**
- Manipulated CPU (RISC) simulator on Linux using C
 - Applied neural network in branch prediction strategy, increased prediction accuracy by 5.13% (on average)
- 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 • Worked on Ensuite System • Implemented client subsystem test and constructed application forms	Sep 2013—Jan 2014
UFIDA, Intern • Joined project implementation team work as consult • Exception maintenance and workflow construction • Construct database report forms base on user requirement	June 2013—Aug 2013

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.