

Wenxin (Jacqueline) Wang ([Personal Page](#))

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OBJECTIVE

To obtain a full-time software developer job from August 2017

EDUCATION

Master of Science in Software Engineering (GPA:3.7)

- Embry-Riddle Aeronautical University (ERAU)

Florida, 2015.8 - 2017.8

Bachelor of Science in Computer Science and Technology (GPA:3.6)

- Nanjing University of Aeronautics and Astronautics (NUAA)

China, 2012.9 - 2016.6

PUBLISHMENT

Su Yue, Li Mi, Wang Wenxin, et al. **Software Reliability Prediction Approach Based on UML Activity Diagram** [J]. Computer Science, 2015: S1. ([Periodical Publication](#))

Shenzhen Communication Technology Corp.,Ltd (SCT)

Software Engineer Intern (R&D Center)

Shenzhen, China 2016.5 –2016.8

In 3 months, designed and implemented a resource management system to help the company improve resource management efficiency and trace the usage of the resource. Performed full software development lifecycle activities. Collected and analyzed the resource management requirements from the R&D department of the SCT. Gained valuable web design, database design and analysis experience, along with the understanding of the standard Office Automation (OA) System. ([Relevant GUI](#))

Tools and Skills:

- Set IDE using WAMP 3.0.4_x86 (Apache 2.4.18, MySQL 5.7.11, PHP 5.6.19-7.0.4);
- Implemented the Model View Controller (MVC) architectural pattern;
- Create websites using technologies: CSS/HTML5/PHP/MySQL;
- Used Agile Scrum methodology;
- Version control: TortoiseSVN.

WORK

EXPERIENCE

Duties:

- Collected, analyzed and documented resource management requirements from the office clerks;
- Designed the data format and the database;
- Wrote the Preliminary design specification and the detailed design specification;
- Implemented and programmed;
- Implemented the unit tests.

Embry-Riddle Society for Industrial & Applied Mathematics (SIAM)

Research Assistant (Robotic Vehicles Communication)

Daytona Beach, USA, 2015.8 - 2017.6

As a software team member in SIAM (Society for Industrial & Applied Mathematics, ERAU), used MOOS, a cross-platform software for robotics, under the Ubuntu environment, to study and simulate communication between robotic vehicles on ground station. ([Eco-Dolphins](#))

- Web-based Repository Development

Daytona Beach, 2015.8-2015.12

PROJECTS

As a manager among five people, developed an online Software Project Repository using Agile project development methodology, HTML, PHP and MySQL (phpMyAdmin) based on Apache Web server. Used the GIT as the version control tool to implement the remote cooperation. Realized the functions of account management, project storage, project search, and project release.

C, C++, Java, PHP, SQL, CSS, HTML, Linux (Ubuntu, helix, Kali), Windows OS, Unix, Dos, Solaris, Apple OSX, Wireshark, Github, Eclipse, LaTeX, Unity3D, WAMP, SQL, MySQL, SQL Server, phpMyAdmin, Git, TortoiseSVN

TECHNICAL SKILLS

Personal Software Process (PSP), Team Software Process (TSP), Agile, UML, Software Quality Assurance, Data Structures, Software Development Lifecycle, Objected-oriented Design and Programming, Algorithm, Design Patterns, Principles of Computer Composition, Fundamentals of Compiling, Principles of assembly