

Wenxin Wang

wenxin.wxx@gmail.com | Mobile: 386-290-0885

2215 E Alcazar Street, LA, California 90033

<https://wenxinwang.github.io/>

OBJECTIVE

To obtain a new graduate position as a **Software Engineer** in technology industry in 2017.

EDUCATION

Master of Science: Software Engineering	Aug 2015 - Aug 2017
Embry-Riddle Aeronautical University (ERAU), Daytona Beach, FL	GPA: 3.5
Bachelor of Science: Computer Science and Technology	Aug 2012 - Jun 2016
Nanjing University of Aeronautics and Astronautics (NUAA), Nanjing, China	GPA: 3.7

EXPERIENCE & PROJECT

Software Engineer Intern, Shenzhen Communication Tech Co., Ltd.
Shenzhen, Guangdong, China **May - Aug 2016**

- Implemented and launched a paperless office system from front-end to back-end independently
- Saved RMB 50,000 by improving efficiency and substituting a commercial edition software
- Applied techniques: PHP, CSS, HTML, MySQL, MVC framework, and WAMP server on Windows
- Analyzed requirements collected from 30 engineers in R&D department with 2 project managers
- System GUI: <https://wenxinwang.github.io/Internship/internship.html>

Research Assistant, ERAU, Society for Industrial & Applied Mathematics
Daytona Beach, Florida **Jan 2016 - Aug 2017**

- Simulated and verified fault tolerance in critical and hazardous situations for collaborative vehicle fleet
- Built simulated vehicle fleet and environment using MOOS-IvP middleware platform in C++ modules
- Executed UPPAAL checker tool to verify logic of state machine models in simulated virtual environment
- Project Introduction: <http://www.eco-dolphin.org/>

Web Based Repository, Software Engineering Discipline Course Project **Aug - Dec 2015**

- Launched a web based repository to upload, store, search, and display demos of software projects
- Led a five-member team implementing Agile software development methods under Git version control
- Customized, designed, and programmed online database using MySQL and Apache server on Linux
- Developed prototypes for graphical user interfaces, using PHP, HTML, CSS, and Webflow design tool
- Project Code: <https://github.com/WenxinWang/SE500>

RELATIVE COURSES

Data Structures, Algorithms, Software Engineering Discipline, Software Architecture, Requirements, Object-Oriented Design, C++ Programming Design, Quality Assurance, Mathematical Logic, Set Theory

PUBLICATION

Yue S., Mi L., & Wenxin W. (2015, March) *Software Reliability Prediction Approach Based on UML Activity Diagram*. Retrieved from http://en.cnki.com.cn/Article_en/CJFDTOTAL-JSJA2015S1128.htm

AWARDS

International Student Achievement Scholarship, ERAU, **2015 - 2017**: Strong academic achievements
Outstanding Student Scholarship, Nanjing University of Aeronautics and Astronautics, **2013 - 2014**

SKILLS

MySQL, HTML, CSS, PHP, C++, C, Java, Shell Script, Bash, Git