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**Wenxin Wang**

2215 E Alcazar Street, LA, California 90033

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

**OBJECTIVE**

To obtain a position as a **Software Engineer, developer tools** at Pinterest

**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 engineering 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**

Git, Java, Linux, Jenkins, PHP, JavaScript, C++, SQL, HTML, CSS, C, Shell Script, Bash