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**Wenxin Wang**

303 W Newby Ave, San Gabriel, California 91776

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

***EDUCATION***

**Master of Science**: Software Engineering GPA: 3.59

Embry-Riddle Aeronautical University (ERAU)

*Daytona Beach, Florida | Aug 2015 - Aug 2017*

**Bachelor of Science**: Computer Science and Technology GPA: 3.78

Nanjing University of Aeronautics and Astronautics (NUAA)

*Nanjing, China | Aug 2012 - Jun 2016*

***EXPERIENCE & PROJECT***

**Logical State Machine Model Research Assistant**, ERAU, Society for Industrial & Applied Mathematics

*Daytona Beach, Florida | Jan 2016 - Aug 2017*

* Simulated virtual Autonomous Underwater Vehicles and environment using C++ & MOOS-IvP platform
* Verified UPPAAL fault tolerance state machine models in various hazardous and critical situations
* Designed Node.js application components and APIs through Express + Knex.js
* Implemented Git for version control using command lines on Ubuntu Linux system
* Project Introduction: <http://www.eco-dolphin.org/>

**Full Stack Software Engineer**, Shenzhen Communication Tech Co., Ltd.

*Shenzhen, Guangdong, China | May - Aug 2016*

* Independently implemented a web-based paperless office system from front-end to back-end
* Designed and developed transactional and analytical data structures related to Product Inventory
* Front end was done in PHP + CSS3 + HTML5 + JavaScript + MVC framework
* Back end (server & database) involved work related to WAMP(Apache + SQL) + phpMyAdmin + phpExcel
* System GUI: <https://wenxinwang.github.io/Internship/internship.html>

**Front End Web Application Developer**, ERAU, Software Engineering Discipline Group

*Daytona Beach, Florida | Aug - Dec 2015*

* Programmed GUI prototypes for a web-based repository using PHP + HTML5 + CSS3 + SQL + JavaScript
* Set up MySQL database + Git version control with Apache server on Linux for Agile team work
* Performed regression & system-level testing to verify software quality and functions
* Project Code: <https://github.com/WenxinWang/SE500>

***RELATIVE COURSES***

Data Structures, Algorithms, Operating System, Compiling, Assembly, Telecommunication (Networking),

Operational Research, Software Architecture, Requirements, Quality Assurance, Object-Oriented Design

***AVAILABILITY***

Authorized to work: In the US for any employer, STEM 3-year OPT from October 2017 to October 2020

Willing to relocate to:Anywhere in the US if company requires

***SKILLS***

* **Languages:** C#, Node.js, JavaScript, jQuery, CSS, HTML, RESTful APIs, C++, C, Java, UML
* **Database & Server:** RDBMS, MySQL, SQL Server, SQL, phpMyAdmin, Linux, Apache, LAMP, WAMP
* **Network:** TCP/IP protocols, SSL(MD5, SHA1, SHA256), penetration testing, digital forensics
* **Tools and methods:** Git, SVN, Agile & Scrum software development process