**Wenxin (Tiffany) Wang**

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**OBJECTIVE** To obtain a full-time job from June 2017

**EDUCATION** **Master of Science in Software Engineering (GPA:4.0)** Daytona Beach, 2015.8 - 2017.6

- Embry-Riddle Aeronautical University (ERAU), Daytona Beach, FL 32114

**Bachelor Degree in Computer Science and Technology (GPA:3.7)** Nanjing, China,2012.9 - 2016.6

- Nanjing University of Aeronautics and Astronautics (NUAA), Nanjing, Jiangsu, China

**WORK** Shenzhen Communication Technology Corp.,Ltd (SCT) Shenzhen, China 2016.5 –2016.8

**EXPERIENCE Software Engineer Intern (R&D Center)**

- Made a Resource Management Online System;

- Collected and analyzed user requirements;

- Used MVC architectural pattern;

- Preliminary design specification and detailed design specification;

- Set IDE using WAMP;

- Create websites using CSS/HTML/PHP/mySQL;

- Integrated test;

- To be familiar with OA System.

**PROJECT**      - **Web-based Repository Development**Daytona Beach, 2015.8-2015.12

**EXPERIENCE**As a manager among five people, developed a Software Project Repository using Agile project development methodology, HTML, PHP and MySQL (phpMyAdmin) based on Apache Web server. Realized account management, project storage & transmission, project search and release.

**- Robotic Vehicles Communication** *`* Daytona Beach, 2015.8 –2016.5

As a software team member in SIAM (Society for Industrial & Applied Mathematics, ERAU), used MOOS, a cross-platform software for robotics developed by University of Oxford, to study and simulate communication between robotic vehicles on ground station. *(*[*http://www.eco-dolphin.org*/](http://www.eco-dolphin.org/)*)*

**- UAV Simulation**Daytona Beach, 2016.1-2016.5

Simulate the UAV flight scene with Google 3D map data by Unity3D. Created the GUI interface for UAV users to detect and avoid obstacles.

**COMPUTER** - **Programming Languages:** C, C++, Java, PHP, SQL, CSS, HTML;

**SKILL     - Operating Systems:** Linux (Ubuntu, helix, Kali), Windows OS, Unix, Dos, Solaris, Apple OSX;

**- Softwares:** OpenVPN, Wireshark, MATLAB, Github, Eclipse, autospy, zenmap, VM Virtualbox;

**-** **Tools:** Latex, Dev C++, Unity3D, WAMP, Microsoft Office;

**- Data Technologies:** SQL, MySQL, SQL Server, Oracle, phpMyAdmin, Microsoft Access;

**- Process:** Personal Software Process (PSP), Team Software Process (TSP), Agile, UML;

- **Cyber Security Technologies**: helix +autopsy, sleuthkit, metasploit, meterpreter;

  - **Others:** Make a bootable USB Ubuntu, Helix, Kali, Solaris;

**-** Software Development Lifecycle - Requirements Gathering & Analysis

**KNOWLEDGE -** Objected-oriented Programming - Technical & End User Documents

**&** - Software Testing & Troubleshooting **-** Basic Algorithm

**SKILL AREAS -** Website Design & Development - Project Teamwork & Communication

**-** Security Assessment  **-** Penetration and Exploiting Test

**-** Digital & Artificial Circuit - Principles of Computer Composition

- Fundamentals of Compiling - Principles of assembly