Wenxin (Tiffany) Wang

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OBJECTIVE To obtain a full-time job from June 2017

*Master of Science in Software Engineering* Daytona Beach, 2015.8 - 2017.6

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

*Bachelor Degree in Computer Science and Technology (GPA:3.6)* Nanjing, China, 2012.9 - 2016.6

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

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

*Software Engineer Intern (R&D Center)*

- Made a Resource Management Online System;

WORK - Collected and analyzed user requirements;

EXPERIENCE - 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.

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

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.

PROJECTS *- 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/>)

*- UAV Simulation*  Daytona Beach, 2016.1-2016.5

Simulated the UAV flight scene with Google 3D map data by Unity3D. Created the GUI interface for UAV users to detect and avoid obstacles. (<https://www.youtube.com/watch?v=gbA5sJkW_ws>)

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

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

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

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

SKILLS - *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

HOBBIES Voluntary Activity Swim Travel Cooking Photography Fitness