

Wenxin (Tiffany) Wang

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OBJECTIVE

To obtain a full-time job from June 2017

EDUCATION

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

WORK EXPERIENCE

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

PROJECTS

- *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.
- *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)

COMPUTER SKILLS

- *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, autopsy, 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.

KNOWLEDGE & SKILL AREAS

- Software Development Lifecycle	- Requirements Gathering & Analysis
- Objected-oriented Programming	- Technical & End User Documents
- Software Testing & Troubleshooting	- Basic Algorithm
- 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
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