**Wenxin (Tiffany) Wang**

**Objective: Software Engineer position in California**

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**SUMMARY**

* 1+ years full stack Software Engineer skilled in SQL, PHP, HTML5, CSS3, JS, C++, Linux, Bootstrap
* Strong engineering professional competence, deeply passionate in trouble shooting and advancing skills

**WORK EXPERIENCE**

**Software Engineer Apr 2018 – Present**

App to Succeed, Inc, Remote

* Develop an educational online experience on personal finance designed for 16-19-year-olds
* Complete assignments in HTML, PHP, JavaScript, SQL, WordPress, working with certified Agile team
* Work in two-week Agile Sprints with video conferencing, utilizing Atlassian Jira, GitHub, and Slack

**Software Engineer Jun 2017 - Present**

Florida Youth Rugby Union, Naples, Florida

* Maintain Florida Youth Rugby Union websites which provide latest club information and organize games
* Design and implement websites using JavaScript, HTML, CSS, Bootstrap framework as a team effort

**Research Assistant Oct 2015 - May 2017**

Society for Industrial & Applied Mathematics (ERAU), Daytona Beach, Florida

* Validated and verified reliable fault tolerance for Autonomous Underwater Vehicles (AUV) on Linux
* Simulated behavior patterns by MOOS-IvP and checked 45,000 state machines by UPPAAL checker

**Software Engineer Intern May - Sep 2016**

Shenzhen Communication Tech Co., Ltd., Shenzhen, Guangdong, China

* Developed an Excel-based ERP that activates batch data processing and gets rid of heaps of paperwork
* Analyzed and documented stakeholders’ requirements, then designed data structures in UML by Visio
* Released SaaS utilizing Bootstrap, HTML, CSS, JavaScript, PHP, Apache, MySQL, phpMyAdmin, SVN

**PROJECTS**

**Unity 3D UAV Flight Game Aug - Dec 2016**

* Designed a Unity 3D UAV flight control game which includes auto and manual modes in Airport scenario
* Implemented 3D terrain and A\* algorithms utilizing C# and JavaScript

**Web-based Project Repository Aug - Dec 2015**

* Implemented a web-based repository which stores and displays student project code and documents
* Deployed Git on Linux server for distributed teamwork that utilized Bootstrap, SQL, phpMyAdmin

**EDUCATION**

**Master of Engineering (M.E.), Software Engineering 2015 - 2017**

Embry-Riddle Aeronautical University (ERAU), Daytona Beach, Florida GPA: 3.59

**Bachelor of Science (B.S.), Computer Science and Technology 2012 - 2016**

Nanjing University of Aeronautics and Astronautics (NUAA), Nanjing, China GPA: 3.78

**SKILLS**

**Languages:** PHP, SQL, HTML5, CSS3, Bootstrap, C, C++, C#, JavaScript, jQuery, JSON, AJAX, DOM

**Sever Side:** Linux, MySQL, phpMyAdmin, SQL Server, XAMPP, Apache, Wireshark

**Others:** Agile Scrum, Git, SVN, UML, Visio, Unity 3D, Markdown, Atlassian Jira, WordPress, SaaS