

# 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