**Yu (Alyssa) Wang**

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**OBJECTIVE**

Current graduate student seeking a Software Engineer Position or Internship where I can utilize my in-depth skills and knowledge in computer language programming and Artificial Intelligence.

**SUMMARY OF SKILLS**

* Language: C++
* Knowledge: Java, JavaScript, HTML5, Python, Gecode, NetLogo, SQL, NoSQL
* Tools: Visual Studio, Intellij, Android studio, Neo4J, MongoDB
* Wide range of knowledge to complement technical skills, including business and accounting
* Proven dedicated employee and excellent team player with excellent communication skills.

**WORK EXPERIENCE**

**Software Developer Internship, Intepoch** 7/2017-9/2017

* Successfully assisted in implementing a key test tool for Unity 3D and UI related project;
* Used my knowledge of C++ to successfully troubleshoot and debug a key team project on the segmentation and coloring on human hair;
* Received excellent job performance review for the internship.

**RECENT UNIVERSITY PROJECTS**

**Machine Learning Project**  9/2017-12/2017

* Using fundamental knowledge of machine learning in the Computer Vision class to train a set of fruit images from ImageNet by CNN network in TensorFlow and Python;
* Designed and programmed an Android app to recognize the level of ripeness of fruits such as bananas.

**AI Planning Project**  1/2018-3/2018

* Studied AI searching and planning basics in the Artificial Intelligence class.
* Used NetLogo to successfully develop a path finding for a fishing vessel simulation and provided fully automatic AI solver for the game “Do not cross the line;”
* Used Gecode to implement a student class registration system with constraints satisfaction.

**EDUCATION**

**California State University, East Bay**  Expected: 2019

Master of Science in Computer Science GPA: 3.82

**De Anza Community College, Cupertino, CA**  June 2016

Associate of Arts in Computer Science GPA: 3.91

Associate of Liberal Arts in Business and CIS Emphasis GPA: 3.91

Associate of Arts in Accounting: Practice Emphasis GPA: 3.91

**Jilin University, China**

Bachelor of Science in Computer Science GPA: 3.83