**Objective**

**1919 Coronet Ave,**

**Anaheim CA 92801**

**(Relocatable)**

**(626) 203-3073**

**Terry Gao**

**terrygao6@Gmail.com**

To obtain a challenging full-time job as a software system engineer in a serious and well-oriented tech company. **Education**

**Master of Science in Computer Engineer Jun 2016**

**California State Polytechnic University, Pomona, USA GPA: 3.7**

**Bachelor of Science in Electrical Engineer Jun 2014**

University of California San Diego, San Diego, USA **GPA: 3.2**

**Programming Skills**

* JAVA Programming Mysql Database programming
* C,C++ Programming PowerShell Scripting language
* Matlab Programming Autoit scripting language
* HTML/CSS PRogramming Batch Scripting language

**Technical Skills**

**Test Equipment –** Oscilloscope, Function Generator, Multi-meter, Power Generator, Lab tools, Soldering tools

**Applications** – Intellij IDEA, JAVA FX, MATLAB, Quartus II, Putty, Eclipse, Android Studio

**Operating System –** Ubuntu, Linux, Windows

**Character *–*** Organized, Responsible, Self**–**motivated, Hard-Working, Dependable,

Patient, Team Player, Proactive Problem Solver

**Work Experience**

***Software Engineer in Testing, Northrop Grumman – Redondo Beach, California Jun 2016 – present***

* Write PowerShell and AutoIT scripts for various automation tasks
* Write TestCompelete scripts and preform GUI testing to ensure quality standards.
* Develop, update, and run test procedures to evaluate software application base on customer requirements.
* Collaborate with customers in final software qualification test and identify defects with system engineers.
* Serve as a peer mentor, assist several mentees to settle in to the new jobs and climb the learning curve faster.

***System QA Engineer Intern, FMC Technologies – Irvine, California Jun 2015 – May 2016***

* Develop and redline test case and write automated test scripts for redundant control systems.
* Develop test plans for different proprietary control devices with Linux operating system.
* Preform system test and following sanity test plan for model evaluations.

***Test/Support Engineer Intern, Grandstream Network – City of Industry, California Oct 2014 – Mar 2015***

* Work with the software team and performing software/system tests.
* Participate in interoperability testing with major partners.
* Edit and develop administration guide for multiple products.

**School Experience**

**Student Record System: Java FX Project**  ***Jun 2017 – present***

* Design of an Student Record System with MYSQL database connection.
* Application UI design by using Intellij IDEA and screenbuilder.
* Implementation of various functionalities and writing maintainable code.

**Embedded System: Smart Umbrella System, Cal Poly Pomona** ***Apr 2015 – Jun 2015***

* Design of a smart umbrella system that blocking sunlight for handicapped people.
* Design of an Android application that able to communicate with the umbrella system by using Bluetooth modules.
* Implementation of Sun tracking system by using Arduino mega microcontroller.

**Embedded System: Temperature station system, Cal Poly Pomona** ***Oct 2014 – Dec 2014***

* Design of a Home sprinkler system that able to automatically deliver water to home yards.
* Design of an Android application that able to wirelessly receive data and display them on an android phone.
* Implementation of smart sprinkler system by using Arduino IDE.