Chao Ye

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Objective

Seeking a position as a Facilities Engineer at Stanford University

Education

M.S in Electrical Engineering **December 2016**
San Jose State University, San Jose, CA GPA 3.47

B.S in Electrical Engineering **December 2013**
San Jose State University, San Jose, CA
Dean's Scholar Recipient, Jan 2013 – Dec 2013

Skills

Programming Skills: C/C++, Python, Perl, MatLab, Java, Assembly Language (8086 & MIPS), Verilog HDL, System Verilog, HTML5, CSS3
Operating Systems: Ubuntu Linux, Red Hat Linux, Microsoft Windows, Mac OS
Productivity: Microsoft Office, JIRA, FIGO/ASTS

Experience

Product Support Engineer
Ravenswood Solutions January 2018 - October 2018
(Subsidiary of SRI International), Fremont, CA

- Successfully planned and executed within budget all US DOD contracts that I was assigned to
- Successfully deployed and recovered proprietary equipment worth approximately 1 Million at project sites across the country
- Planned and implemented labor schedule to enable 24/7 network operations in support of field exercises where up to 3000 soldiers and vehicles are tracked.
- Tested new designs of proprietary hardware designed by Ravenswood Solutions
- Conducted acceptance testing of all products manufactured by our manufacturers
- Created Standard Operating Procedures (SOP) for execution at US DOD sites

Achievement: Recipient of Spot Award for outstanding support for testing the new Joint Light Tactical Vehicle (JLTV) at Marine Corps Air Ground Combat Center, Twentynine Palms, CA

Field Application Engineer
Ravenswood Solutions June 2016 – December 2017
(Subsidiary of SRI International), Fremont, CA

As a Field Application Engineer at Ravenswood Solutions, I traveled to various military bases in support of the Army National Guard's brigade level simulation program eXportable Combat Training Capability (XCTC) using the FlexTrain system that was created by Ravenswood Solutions

- Successfully supported XCTC exercises 16.5 17.1, and 17.3
  - Trained temporary hires including network operations, tactical analysis, and after action review operators
  - Assisted in setup of relay towers to ensure excellent tracking and point-to-point links
  - Established secured network for instrumentation and admin communications
  - Provided timely updates for Exercise Support Cell (ESC) and Training Support Brigade (TSB)
  - Provided onsite support for Instrumented After Action Reviews (IAAR)
  - Assisted the Network Operations Team Leader (NOTL) in keeping NETOPs labor within budget
  - Assisted in successful recoveries of all government furnished equipment after completion of exercise
- Prepared all FlexTrain equipment in preparation of exercises which include:
  - Software installation
  - Configured security policies according to our authority to operate (ATO)
  - Comprehensive proprietary software test for new releases
- During Sustainment period:
  - Test new releases of proprietary software and report abnormalities to software team and create JIRA entries
  - Trained new Field Applications Engineer hires
  - Repair and refurbish government furnished equipment
  - Assisted with client inventory visits
  - Worked cross-functionally with Property Team and saved Ravenswood Solutions an estimated $50k automating ASTS/FIGO database using Python programming language for past primary Contractor Raytheon's contract site assessment audit which resulted in outstanding results

Achievement: Recipient of Spot Award for outstanding support of IAARs during XCTC 17.3

Assistant Property Manager

Berendt Properties, San Francisco, CA June 2015 – August 2015
June 2013 – August 2013

- Responded to tenant request or concerns is a professional and timely manner
- Added new tenants and property owners in property management software, Appfolio
- Generated work orders to fulfill tenants' maintenance request and ensured that vendor completed maintenance timely and correctly from start to finish
- Completed direct mailing project to develop new business by researching property owners and sending them marketing mailers

Electrical Engineer Intern June 2012 – August 2012

Omnicell, Mountain View, CA

- Analyzed and tested the system integration of high security mobile medical dispensing carts that carry Scheduled II drugs in hospital environments
- Tested and qualified the wireless connectivity of the high security mobile carts to company's database server
- Worked with members of SQA to successfully find bugs within company software and hardware.
- Worked with members of manufacturing engineering to debug smart batteries that were designed for the high security mobile medical dispensing carts.
- Tasked independently to research customer reported bugs regarding WIFI and reproduced and found root cause which avoided recall of products saving company money to fix