Da Hye Chung

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Multifaceted Computer Engineering student with 3 years IT/cybersecurity and test engineer roles in research laboratories and 6 years troubleshooting expertise as US Navy lead computer electronics technician, building hardware/software solutions and network architecture through applying tactical and engineering skills for Naval Information Warfare Center Pacific (NIWC PAC).

EDUCATION AND TRAINING

San Diego State University   Expected Graduation Date: Spring 2022
Major: Computer Engineering (GPA: 3.3)
- Python,C, C#, C++, Java, VBA, SQL, MATLAB, HTML/CSS, Javascript, Verilog
- Electrical Circuits, Signals and Systems, Embedded Software, Microarchitecture
- Embedded Operating Systems, Wireless Technologies, Networks, Web Programming

COMTIA Security+   Credential ID: F0WBDQDF9DREQZC7
Cisco Certified Network Associate   Certificate Verification No. 7CE9TM9HHK4QQDC1
DoD Active Secret Security Clearance   Details upon request

Engineer, NIWC PAC (SYSCOM NAVWAR), Part-Time Federal Employee   October 2019-Present
Developed classified hardware/software test environments for software defined router that integrates with various USN stove pipe systems. Trained five company new professionals into team.

In Network Operations Center (NOC), maintained and expanded six un/classified network infrastructures in classified laboratory with 300+ workstations for 100+ project customers and US Navy programs. Implemented cybersecurity procedures such as group policies, scanning for threats (STIGs), and mitigating vulnerabilities. Actively completed account provisioning, adding and removing hardware, performing backups, installing and upgrading software, monitoring, troubleshooting, and local documentation.

Student Intern, SPAWAR SSC, Naval Research Enterprise Intern Program   Summer 2019
Automated 200+ SOVTSystem Operability Verification Test scripts for Global Command and Control System - Maritime (GCCS-M) in Python and Javascript for T&E Team decreasing manual testing time by 96%. Created modern/flexible serial to IP transfer application in team to stress test tracks unto data system.

Fire Controlman Computer Technician, U.S. Navy   April 2012 – April 2018
Led electronic systems maintenance on Ship Self-Defense System MK2 (SSDS), Advanced Combat Directional System (ACDS), radar systems, and tactical networks onboard USS ESSEX (LHD2). Performed operation, diagnostics, and corrective maintenance procedures; troubleshooting, repair, and casualty restoration of segment interfaces to maintain tactical capabilities.

EXPERIENCE

Technical Background
- Constructed Linux network emulation for Program Office software integration to amplify testing capabilities of Chief of Naval Operations project, resulting in Department on-the-spot award for : "superior initiative and attention to detail while assigned to the Hardware and Integration Team supporting a classified project".
- Identified and implemented improvements to un/classified networks, consolidating switches, adding machines to the domain, upgrading switches/operating systems, and migrating equipment to server rooms following 5 Year Technical Refresh Upgrade Plan, leading to step advancements FY20 and 21.
- Built 30TB network access storage for 54+ physical/virtual systems on internal air gapped network.

Software Solutions
- Designed and deployed pdf data extractor in VBA on Excel using Adobe API resulting in user friendly interactive interface that saved copy and pasting from 30+ documents per week for lab asset scheduling.
- Developed Python application to analyze 50,000+ live captured network packets for analysis team.
- Created electrically controlled dynamic feedback suspension system for 2022 SDSU Baja race vehicle.

Teamwork
- Migrated 65 assets from the CTB to RDT&E network, leading team of three IT personnel with action plan and coordinated transfer of support activity.
- Engaged as Project Manager role in Baja Active Suspension System team of 5 engineers, resulting in an A on 4.0 grade scale for first half of semester Senior Design Project. Second part is currently underway.
- Successfully conducted two training and six active missile evolutions with a team of eight to load 58 live ordnance into four launchers with zero mishaps for Deployment 2015 and 2018.