Neal Librojo Balaoing
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PROFESSIONAL SUMMARY

Army and Navy veteran with security clearance providing two decades of instrumentation controls and SCADA orchestration for infrastructure organizations. Experience in the operation of programmable logic controllers, industrial communication protocols, and software engineering (RSLogix, TIA Portal, etc). Experienced in austere working conditions involving constant travel, limited rest, extreme weather, and heights.

- Naval Cryptologic Technician (2011-2015)
- Army Indirect Fire Infantry (2018-2022)
- 4.0 GPA A.A.S. Nuclear Technology (2017)
- Active FBI CJIS Security Clearance
- First Aid/AED/CPR/Traffic Control Flagger

- AB RS LOGIX 5000 PLC/ SCADA and KPI
- Sophos Endpoint, Firewall, MDR/NDR
- Security Onion Nodal Analytics and Mgmt
- Network Engineering, Packet Monitoring
- AWS Directory Server, Microsoft AD

- PowerShell/Linux/HTML/JS/C#/Python
- Azure, AWS, GCP Instance Management
- Amazon WorkSpaces and Microsoft GPO
- Wiring Cabinet Standard Familiar: NFPA 79, UL 508A, IEC 60204-1

PROFESSIONAL EXPERIENCE

Intuitus Corp – SCADA Orchestration and Network Engineering   2022 - Present
24/7 Managed Detection & Response - Security Operations Center

Cybersecurity Engineer with Intuitus Corporation in the 24/7 monitoring and processing for Security Operations Centers (SOCs). Manage forensic data collection appliances for PCAP and traffic analytics. Utilize Sophos Security, Horizon3 AI Pentesting, and Security Onion SIEM to provide security baseline, threat mitigation, and network monitoring to PSAP, power grid, and midsized organizations.

- Maintained net orchestration between Microsoft Hyper-V, Sophos Firewall, Horizon3 Node Zero, and Security Onion grid members.
- Perform deep nodal analysis with protocol decoding, network behavioral heuristics, TCP/UDP stream, VOIP ID, NIDS/HIDS, and SIEM.
- Reference MITRE ATT&CK frameworks and CVE to identify system vulnerabilities and fortify against threat vectors.
- Utilize Sophos Endpoint, Firewall, and Managed Detection Response to protect enterprise networks.

Amazon Reliability Maintenance Engineering (RME) – Systems Control Technician   2022 - 2023
Facilitate Shipment of 15000+ Dispatches Daily – Maintain Industrial Control Networks & PLC

Systems Control Technician with Amazon RME, maintaining and optimizing Allen-Bradley RSLogix controllers for Daifuku-Wynright conveyors supporting 15,000+ daily dispatches. Monitor, troubleshoot, and enhance automation systems, MHE, and control networks. Proficient in RSLogix 5000 and TIA Portal PLC platforms for system updates and real-time troubleshooting of Allen-Bradley and Siemens control systems.

- Manage virtual machines using AWS and VMWare Cloud. Manage Amazon WorkSpaces and Microsoft Group Policy Objects.
- Configure AWS Directory Service and Microsoft Active Directory. Setup network with engineered life cycle and VPN connectivity.
- Aided in the troubleshooting of KIVA transportation systems for the processing and shipping of over 15K packages per day.
- Troubleshoot and maintain Siemen Optical Identification, Diematic Conveyor Systems, and Zebra Mass Label Printing

United States Army – Mortar Computer Operations   2018 - 2022
Mortar Firing Computer System – Supervision and Troubleshooting of Electrical and Mechanical Systems

- Project manager trainer for one hundred eighty people, ensure mission success and full spectrum capability for Infantry company and support contingents. Accounted for over 180 Soldiers during the March 2020 exercises at National Training Command.
- Led a thirty-person organization in the operation of $5M worth of weapon systems to complete twenty missions with 100% target accountability and zero loss. Responsible for the maintenance and troubleshooting of all equipment valued at over $2M including lightweight handheld Mortar ballistic computer (LHMBC) and Mortar firing computer system (MFCS).

Galvanize Boulder – Application Development and UIUX Design   2017 - 2018
Software Engineering – Node JS. Express JS. React JS. PostreSQL (NERP Stack)

- Completed vocation training in application development using jQuery, AJAX, and Swift. Implemented server hosting, user authentication, and API query with NERP framework. Developed sites for Intuitus Corp, eSwatini, and Peakenet Broadband with form functionality.
- Trained at Galvanize Web Immersive to be proficient with PHP, JQuery, Bootstrap, and Materialize. Trained at the Art Institute of Las Vegas to be proficient with Adobe photoshop, illustrator, and premier. Can develop apps for PC, MAC, Linux, Android, and IPhone.

Calvert Cliffs Nuclear Power Plant – Instrumentation Controls   2015 - 2017
Intern – Assisted Departments: Electrical, Mechanical, Instrumentation, Chemistry, Radiology

- Interned at Calvert Cliffs Nuclear Power Plant in the maintenance and 24/7 upkeep of generator power output and analytics while attaining 4.0 GPA at College of Southern Maryland in the Nuclear Technology tracks: Electrical, Mechanical, and Instrumentation. Assisted mechanical and electrical in maintaining instrument air compressors and motor control cubicles.
- Led five interns to design proof-of-concept lead impregnated shielding over spent fuel pool which provides a template for future safety innovations at Calvert Cliffs Nuclear Power Plant. Assisted chemistry to correlate injection concentration and power output.

EDUCATIONAL HISTORY

- **College of Southern Maryland**: Electrical, Mechanical, Instrumentation Associates (Completed 2017, 4.0 GPA)
- **St. Martin University**: Server and Cloud Administration – Vocational Training (Completed 2022)
- **Galvanize Boulder**: Software Engineering - Training Certification (Completed 2018)