

Edel J. Marcelino

Objective	Obtain a position in the field of Computer Engineering/Science where my education in my major field of study, ability to work in a team atmosphere, and systems engineering experience will help achieve company goals.		
Relevant Skills	<ul style="list-style-type: none">• Web Development: HTML, CSS, Javascript, jQuery, NodeJS, MySQL, MongoDB, ReactJS• Juniper Firewall, ISS 6, .NET, MS Exchange, HP Switches, Foundry Load-Balancers, NAS, Cisco ASA, Splunk• MSSQL server, MS Clustering, EMC Autostart, Backup-Exec, MS ConfigMgr, VMware Server• Sharepoint Development: Infopath, MS Access, VBA, Sharepoint Designer• Windows, XP, 7, Server 2003/2008, Active Directory, Group Policy• UNIX/Linux server environments, Apache, Samba, Fedora, RHEL, Fedora, CentOS• Google Apps for Business, Amazon Web Services, VMWare ESXi,• Computer Programming (C/C++/C#, ASP.NET, MSSQL, Assembly, VBScript, XML, Perl, Visual Basic)• SCAP, PGD, WebInspect, Retina, ACAS, STIG Viewer, SRR scripts		
Certifications	<ul style="list-style-type: none">• CISSP• CompTIA Security+• CompTIA Server+• Tresys Certified SELinux Course		
Work Experience	Oct 2011-Present	Beacon Cloud Solutions	Escondido, CA
	Information Security Engineer		
	<i>Responsibilities: Working on a DoD Contract for the DHA under the Enterprise Infrastructure(EI) branch. Teamed with IA Analysts and Engineers to conduct ATO, ATC, AR, and RA efforts for various sites and systems to connect to or being hosted within the different DHA enclaves.</i>		
	<ul style="list-style-type: none">• Work with IA Analysts on various efforts to help sites and systems obtain/maintain their DIACAP/RMF ATO.• Work with IA Analysts on site efforts to help perform risk acceptance efforts on various DoD applications, sites, and systems.• IA SME for CRM team. Attended CRM/iRAM meetings to provide IA guidance to DHA customers regarding any IA processes or procedures that need to be taken to accomplish requirements for their system(s)• Assist sites in managing POAMs, Control Responses, RARs, System Inheritance, Artifacts, etc. in eMASS for their accreditation package• Review and/or generate site RMF Package documentation and elements for package submittal to IV&V within eMASS• Developed Cyber Security Monitoring and Reporting Tool(CSMRT) Sharepoint Portal for NSOB team to allow for more centralized tracking of all NSOB efforts within the DHA. This includes but is not limited to:<ul style="list-style-type: none">○ Document Repository○ Package Tracker○ Timeline Generator○ Issuance (TASKORD) Tracker○ Automated Document Review Workflow○ CCI Tracker		

- Site Dashboards

Feb 2009-Present

Gnostech, Inc.

San Diego, CA

Systems Engineer

Responsibilities: Working as an Engineer on the Virtual User Environment (VUE) Trusted Mission Planning Systems (MPS) utilizing skills/technology including, but not limited to, UNIX/Linux scripting (Bash, Perl), SELinux Policy writing, Apache, Samba, Windows 2003, VMWare, Splunk etc. Created a Cross Domain Solution for data isolation within the Trusted MPS. Also responsible for performing onsite DIACAP scans on various DoD sites and systems.

- Performing DIACAP verification scans on Windows, Linux, and UNIX systems for deployment on various Coast Guard ships and Marine base systems and sub-systems for SPAWAR contracts.
 - Usage of DISA/STIG Viewer, SCAP, Retina Scanner, Production Gold Disc, Army Golden Master, and Manual STIG checklists for DIACAP scans prior to live deployment of shipboard systems.
 - Validation scanning of fully integrated shipboard control, maintenance, navigation, and targeting systems once they have been installed with live environments.
 - Validate land to shipboard communication and encryption.
- Tasked to prepare integrated systems, for IA/DIACAP Accreditation, for the Combat Outpost Surveillance Force Protection System (COSFPS)
 - Created and hardened the Linux/Windows OS images for the system's servers, laptops, and virtual environments.
 - Document procedures for security best practices
 - Pre-scanned all systems prior to IV&V
- Systems Engineering on the VUE Trusted MPS
 - Setting up and configuring custom UNIX/Linux Server environments
 - Setup Cross platform solutions, i.e. Linux to Windows and vice-versa
 - Setup VMWare environments preserving SWaP expectations
 - Developed Cross Domain Solution (CDS) for Mission Planning Systems (MPS) that controlled data flow the flow of data in a single direction
 - Manage Smart Card encryption of VUE system data
 - Developed Splunk solutions to monitor all data and user activity on workstation and server assets of the VUE system.
 - Wrote custom triggers based on collected Splunk data to automatically lockout data, systems, and/or users in the event of a triggered event.
 - Wrote SELinux Security Policy for MPS CDS to control all data objects directional flow path
 - Coded (in C# .NET) File Content Checking software for MPS CDS
 - Created a hands-off custom single disk installation for the MPS CDS for quick, easy, and user friendly deployments utilizing Kickstart and custom Perl scripting
- Wrote various testing tools in .NET, Bash, Batch, C++, and Perl for various systems
- Update code in various data/testing tools to allow for new features and data input/outputs for communication to their applications/systems.

June 2007-Jan 2009

DefenseWeb Technologies Inc.

San Diego, CA

System Administrator

Responsibilities: Setting up all Domain Workstations, Servers, and supporting hosting up-time. Configuring and installing Web, File, App, Database, Domain Controllers, and other types of servers and network hardware. Making sure website up-time meets SLA requirements. Hardening security for all production servers and enclave.

- Creating and managing Microsoft/EMC Auto-start clustering
- Deploying virtual test server environments using VMware
- Creating and managing Juniper firewall ACL rules and security
- Deploying production web environments utilizing Server-Iron Load Balancers
- Managing users, workstations, and servers using Active Directory and Group Policy across

multiple domains

- Implemented Microsoft System Center Configuration Manager to aid in company wide distribution of system patches and software
- Assisted in testing and implementation of a multi-VLAN environment using HP Procurve switches to implement least privilege access
- Setting up server infrastructure for website server, database, and file hosting deployment
- DoD Security Hardening of systems using Production Gold Disk(PGD), Retina, Web-Inspect, etc for all DefenseWeb hosted Military websites.

Education

June 2019 - Dec 2019

UCSD Extension Campus

San Diego, CA

Certificate of Completion

- Complete a 6 month bootcamp course in Full-Stack Web Development that covered the following topics: HTML, CSS, Javascript, jQuery, Bootstrap, Handlebars, Google Firebase, AJAX, MySQL, MongoDB, NodeJS, MVC, ReactJS.

Fall 2005 – Fall 2008

San Diego State University

San Diego, CA

Bachelor's Degree in Computer Engineering

- Worked on the XR-82 Autonomous UAV Quad Rotor Project (<http://aerobotics.sdsu.edu>) – For this project we built an autonomous unmanned aerial vehicle that would use an array of sensors to determine relative position, achieve stabilization, and fly autonomously. This was accomplished by also using various complementary filters and a custom PID controller as its main control algorithm while processing data from the various sensors.

Relevant Coursework:

- | | |
|--|------------------------------|
| ● Windows Database and Web Programming | ● VLSI Circuit Design |
| ● C#/ASP.NET Windows Programming | ● Microprocessors and Design |
| ● Embedded Systems Programming | ● VHDL Digital Design |
| ● Circuit Analysis | ● Digital Systems |
| | ● Digital Logic Laboratory |

Fall 2001 – Spring 2005

Southwestern Community College

Chula Vista, CA

Associates Degree in Transfer Studies