

EDWARD MUNRO

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Introduction

President's list and honor student in Information Technology, with a concentration in Systems and Securities, I'm pursuing a job in information technology. Branching out into different areas of IT, I have proven to be well rounded and quick to learn new skills. Experience with protocols, security standards, and security methods. Experience with web development, project management, systems analysis, design, programming, Human Computer Interaction (HCI), and a prodigious understanding of accessibility.

Education

Bachelor of Science - Systems & Securities | Georgia Gwinnett College | May 15, 2014

- Honor student, President & Dean's lists, institution GPA 3.54
- Upsilon Pi Epsilon (UPE) - IT Honor Society (2013 - 2014)

Relevant Courses

Professional Practices & Ethics	Advanced database (Oracle11g)
Systems Analysis & Design	Advanced Programming (Java)
Human Computer Interaction	Advanced Networks
Enterprise Architecture	Information Security
Web Development	Operating Systems
Advanced White Hat Hacking	Certified Hacking Training

Certifications

1Z0 Oracle Database 11gSQL Fundamentals I

Projects

- ♦ **Resource Document** Researched and collaborated with peers, to develop a resource document that enhanced workflow and provided quick access to available resources within CHOA's organization.
- ♦ **Systems Analysis & Design** Part of a team of three, we came up with the functional idea for a simple parking application to manage congestion on a college campus. I used tools, such as Microsoft Projects, Visio, and Rational Rose. During design, I dove into the depths of the Unified Modeling Language (UML), including ER diagrams, Use-case and Misuse-case scenarios, database generation, forward code engineering, forms, and reports.
- ♦ **Security Requirements Documentation** Three main goals: create a database, create a server, and integrate security. All steps and processes were thoroughly supported with documentation. I created Entity Relationship Diagrams (ERD), assured normalization, and implemented a database. I set up an Apache Server, installed MySQL, and uploaded the database. I created documentation with assets, dataflow charts, misuse-case diagrams, Role Based Access Control (RBAC) tables, STRIDE table for threats and vulnerabilities, and policies outlining sensitivity classifications and guidelines.
- ♦ **Vulnerabilities & Pen Testing** I created a Security Requirements document containing assets, objectives for identification, authentication, access controls, and auditing; specifications for login attempts, password restrictions, and roles. Upgraded hardware components for an antiquated computer to a new 64-bit motherboard and replaced power unit. I built a secure sub-network for testing, and set up Windows Server 2012 r2, with Active Directory, Organizational Units, and user groups. I ran security scans using Nesus and Armitage, and patched all vulnerabilities.

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- ♦ **Content Management System (CMS)** I built a content management system. Created the database using MySQL and web interface using PHP, HTML, and CSS. Enabled email, tables, securities, login credentials, and data manipulation through web interface.
- ♦ **Web Development** I Developed a website for the non-profit organization Georgia Blind Sports Association (GBSA). With a proven template using HTML, CSS, Javascript, Bootstrap, and Wordpress CMS, I implemented a participant's database, contact forms, spam control, and securities. Given the clients needs ease of access and accessibility was foremost in my design.
- ♦ **Accessibility** I consult and developed a website for an organization dedicated to access. With my extensive knowledge and experience in the area of accessibility, I designed a website specifically geared towards accessibility: implementing accessible tools, simplicity, and HCI components. Given the organization's start-up status I aided in multiple areas of IT: running cable and networking, firewalls and security implementation, and virtual machines and backups.

Work History \ Experience

Currently: Information Security Analyst – Children's Hospital of Atlanta

Consultation – Lawrenceville, GA	June 2014 – Present
Web Development – Lawrenceville, GA	June 2014 – Nov. 2014
Member Services – Georgia Gwinnett College	Jan. 2013 – May 2014
2014 Cyber Security Simulation - TAG	Jan. 2014 – Jan. 2014
Personal Trainer – Bally's Total Fitness	July 2009 – June 2010
Paralympian – Beijing, China	Aug. 2008 – Aug. 2008
Instructional Assistant – FL School D & B	Aug. 1998 – Dec. 2007
Paralympian – Athens, Greece	Aug. 2004 – Aug. 2004
Vending Supervisor – FL School D & B	Aug. 2004 – Dec. 2007
Paralympian – Sydney, Australia	Aug. 2000 – Aug. 2000
Residential Instructor – FL School D & B	Aug. 1995 – June 1998
Paralympian – Atlanta, GA	Aug. 1996 – Aug. 1996
Transportation Chaperone – FL School D & B	Aug. 1994 – June 1998

Technical \ Non-technical skills

Systems Administrator	Active Directory
MS Exchange	Ticketing/queue systems
Networking / Subnetting	Eclipse, Xcode, Bluefish
VPN's, VM's, VLAN's	Visio, Office, Projects, Rational Rose
Mac, Windows, Unix/Linux, Server	Ruby on Rails
Nessus, Kali, Wireshark	Programming
FTP, DHCP, DNS/BIND, SSH, HTTP	Problem solving
HTML, CSS, Javascript, Java, SQL, PHP	Application Development
Database	Design
InfoSec	Accessibility
Attention to detail	ASL, Braille
Documentation	Public Speaking
Technical support	Communication
Leadership	Interpersonal skills
Management	Team oriented

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Website

www.eddiemunro.com/resume.html