



Samuel Okon

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LinkedIn

Objective

Detail-oriented professional looking for a position in computer programming and information technology. Actively seeking opportunities in programming, application development, web development, back-end development, Database management, data analytics and/or mobile application.

Education

Completed

University of Massachusetts Boston, Boston, MA

09/2019 - 12/2023

Bachelor of Science: Information Technology & Computer Science

Honors

Relevant Coursework

Relational Databases, Scripting, Ethic in Computing, Computer Forensics, Project Management, System Administration, Analytics, Web Fluency, Network Security

Technical Skills

- Skills: Object-Oriented Programming, Scripting/Automation, Voice/SMS Applications, Linux/Unix Application Development, .NET Application Development, SQL, Linux Networking and Penetration Testing Tools, Algorithm Development, Help desk, Java, JavaScript, Python, CSS, C#. Microsoft Office --- (Project, Word, Excel, PowerPoint, Access, Web Expression, Visio) Sql, Tableau, excel etc..
- Web Technologies: Flask Web Framework, Selenium WebDriver (testing, web-automation), REST API Development, Web Application and Back-end Development, TestNG, Protractor, Jenkin, Cucumber, JIRA, Maven, Git, GitHub, JUnit, MS SQL
- Operating Systems: Windows 7, 2000, XP, Vista, 10, 10/S, Mac OS, Linux/Unix.
- Development Tools: PyCharm, Sublime Text, Idle, Visual Studio, Console/Terminal, ERD Plus, ERP, Tableau, Dynamics, VMware Workstation Pro., PowerShell, java

Related Course Projects

University of Massachusetts Boston, Boston, MA

- **Ubuntu Server, Installation of Ubuntu Server on a Virtual Machine**, Boston, MA 06/2022- Present
 - Create a new virtual machine and install Ubuntu 18.04 LTS Server rote.
 - Rewrite packets that go out via router with a single spoof MAC address and rewrite the destination MAC addresses.
 - **DFS, Administering and Levering a Distributed File System**, Boston, MA 09/2021 - 10/2021
 - Implemented a distributed file system in a Linux environment, using the NFS (Network File System) protocol.
 - Related to how files are tied directly into other user concerns – such as authentication and distributing updates.
 - **Structured Query Language programming Project**, Boston, MA 01/2023 - 05/2023
 - Built a database system from the start named Staywell database.
 - Different programming techniques for accessing relational databases.
 - The use and properties of relational database management systems.
 - DBMS architecture levels, data modeling, data definition and manipulation capabilities
 - **Project Management Business Case Report for George Howell Coffee Shop**, Boston MA 01/2023 - 05/2023
 - Wrote a 10–15-page business case report regarding installing an application to facilitate sales within the company and increase in customer satisfaction.
 - Learned the various techniques and managerial concepts of project management.
 - the use of management science techniques and computer software for project management. E.g MS Project.
 - Link to report file
 - **IT CAPSTONE** 09/2023 – 12/2023
 - Build my first web application.
 - Use Python and html to build web application.
- <https://docs.google.com/document/d/1s1-VCKOFS1HMrN9gGNc5sMTFbKO7BgefUuj3XLpRHWM/edit?pli=1>
- **Capstone Class (Web application) 09/2024 - 12/2024**
 - Build my first web application with a team.

- Using html to design the front-end server.
- Using Python as to code the back end

Professional Experience

Fountain of Grace Church

09/2018 – 12/2022

Volunteered to work at their media and IT department.

- In charge of Video editing
- In charge of connecting computer hardware, routers, switches etc.
- Computer networking
- Formulated Ideas for the Network Structure of the church
- Network Troubleshooting
- Virtualizations
- Installations of Firewalls
- Camera and video shoots
- Active Directory, DHCP, LAN

Goodwill

09/2018- 10/2020

Title: **Cashier and customer representative**

- Manage transactions with customers using cash registers
- Resolve customer complaints, guide them, and provide relevant information
 - Greet customers when entering or leaving the store.
 - Maintain clean and tidy checkout areas.
 - Track transactions on balance sheets and report any discrepancies.

Amazon

10/2020 - 06/2022

- Loading goods onto a truck or van using equipment like pallet trucks, forklifts, roller conveyors, trolleys, and jacks.
- Planning routes using google map or a custom route system like the one UPS drivers use to identify the fastest way without traffic and hindrances.
- Scheduling time for delivery and, if needed, contacting customers before delivery to ensure their availability
- Identifying any delays in pick-up or delivery and conveying the same to their supervisor or customer.
- Inspecting the vehicle for fuel level, proper functioning of brakes, tire pressure, alignment of rear-view mirrors, and that the lights are working.

Overseas adventure Travel

06/2022 - 2/2024

Air customer service agent

- Deliver high-quality customer experience to passengers throughout the check-in and boarding process and identify solutions to issues and challenges related to flight delays, cancellations, baggage weight, and travel complications.
- Coordinate with airport teams and passengers to ensure appropriate accommodations for customer needs and resolve issues with compassion.
- Use Amadeus to book air reservations for travelers.
- Air reservations modifications

Codeadvantage

01/2024 - 02/2024

After school Teacher

- Taught kids how to code using minecraft coding block
- Provided Support to kids when needed

Lawrence Family Development

IT Helpdesk

- Provide client support and technical issue resolution via E-Mail, phone and other electronic devices.
- Configure software to connect to Internet application servers.
- Provide training to clients in the use of systems and applications related to the Internet.
- Obtain general understanding of OS and application operations related to company-offered services.
- Perform creation of new accounts using company provided software tools.
- Independently troubleshoot and strategize solutions for end user and system related IT issues.
- Document solutions for future reference and cross-training purposes
- Perform light lifting of up to 25lbs.
- Participate in special projects that fall within the scope of IT services as assigned
- Serve on strategic planning teams with staff and management to implement enhanced systems for client tracking, assessment and instruction
- Support professional staff to expand programs and increase efficiency in the programs, partners, and management teams for plans to expand staff capacity with technology.
- Develop and recommend cost effective technical system improvements.
- Operate a personal computer and manage servers using program applications appropriate to assigned duties.
- Other duties outlined by the IT Coordinator and members of the leadership teams

- Provide software specific technical support to staff. (of special consequence is the position's connection to "national and state high stakes testing" (such as MCAS, ACCESS, and MAP))
- Configures and supports internal and/or external networks – lays cable, installs cameras and other devices to secure and enhance facilities

Security Analyst skills

- Access Control
- Firewalls
- Cryptography
- Data Security
- Malware Analysis
- Mobile Security
- Network Security

Certifications

Comptia Security+ Certification 6/14/2025