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# DANIEL SARFO

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## Summary

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Be a creative, innovative, and an inspiring person to others as well as peers, whether in a group or in life in general. Ensuring that a company or corporation's computer mainframe is working smoothly and effectively. I have 5 years of System Administration experience. I hope to take my knowledge and utilize with any company that would have me. my experience ranges from Deploying/Monitoring, and Application on servers. Goal-oriented IT professional with significant success in planning, analyzing and implementing of security plans and initiatives. Excel in developing comprehensive, secure network designs and systems.

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## Skills

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- Create/Manage User Account, Create/Manage File Systems. Configure and built Red hat Linux machines, create user accounts, set Kernel Parameters. UNIX System Administration, Solaris, Patch Management.
- Hardware/Software Break-Fix, VERITAS, Net Back-Up, Cluster Servers, Performance Management, Excellent Technical and Interpersonal Skills.
- CORE COMPETENCIES
- Operating System:
- Raspberry PI, Arduino, MS-DOS; Windows 7,8,10, Mac OS/X High Sierra, Windows Server 2012, LINUX (Debian), Group Policy, Red hat, Ubuntu, Kali Linux, MAC OS X.
- Hardware: Replace Motherboard, Micro Processor, cooling system, sound card, Graphic card SCSI, IDE devices, SATA, PATA Hard Drives, SSD, Network Interface Cards, SDRAM, DDR2, DDR3, DDR4 on HP, Apple and DELL/ OEMs. Troubleshoot and Resolve Printers and scanner issues and setup Faxes.
- Software Programming: Anaconda (Python), Spyder, MATLAB, Node.js, Java, C++, Socket Programming.
- VDI: VMWare Horizon6, vSphere Client, VMware Workstation 15 Pro.
- Microsoft: SharePoint, Azure, Office 2016, O365 (OneDrive, Word, Excel, Access, Outlook, Exchange, PowerPoint, Skype for Business, Delve, Power BI, Teams, Yammer, Project), Bit locker, LAPS UI.
- Remote Tools: LogMeIn (Go -To-Assist), Remote Desktop Connection, LANDesk Management Console, SCCM, TeamViewer, GoToMeeting, NetCat, TCPDump, Wireshark, Nmap, Citrix.
- Proficient in Adobe Illustrator CS5, Adobe
- Detailed and Organized
- Awards and Acknowledgements
- Deans list
- Employee of the Month (2016)
- Certified Information Security Manager (CISM)
- Regulatory Compliance and Documentation
- Protecting Networks
- Managing Security Breaches
- Monitoring Computer Viruses
- Linux Server
- Websense Data Loss Prevention
- Interface Design and Implementation
- JavaScript Expert
- Object-Oriented Programming
- Active Directory Knowledge
- Agile Development Methodologies
- API Design and Development
- Programming Languages: Java, C#, .Net, Python
- Amazon Web Services

Creative Cloud and CC Apps.

- VPN/Conference Room/VOIP: Pulse Secure, CISCO AnyConnect, CISCO VPN/ Unified Communications, CISCO WebEx, Jabber, Unified Contact Center, Finesse, Barco Clickshare, Creston, Polycom, and audio Codes phones and devices.
- Network Protocol: TCP/IP suite, Wi-fi, Bluetooth.
- Incident/Service Request Management: Altiris, ITIL Management Suite, Service Now, SCCM, Remedy, i.Serve, SC2, Cherwell.
- Security Regulations: FISMA, NIST, HIPAA, RMF
- Automation: PowerShell, Ubuntu, RHEL, RPA
- Proficient Graphic design
- 3D Printing
- Website Design
- Apprenticeship AV Technician
- Proficient in Audacity, and PowerISO

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## Experience

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### **Software Developer** **Airrus, LLC**

**01/2022 to Current**  
**Woodbridge, VA**

- Developed RESTful micro-services using Java.
- Streamlined Scrum and Kanban methodologies into development processes to standardize and accelerate operations.
- Consumed and implemented REST and SOAP APIs in deploying J2EE databases.
- Improved and corrected existing software and system applications.
- Employed integrated development environments (IDEs).
- Manage 4 junior developers by delivering consistent coaching and constructive feedback.
- Participated in intra-organizational staff meetings to coalesce company-wide efforts around meeting prescribed business goals and addressing client concerns.
- Analyzed code and corrected errors to optimize output.
- Combined root-level authentication and authorization technologies with ongoing system design to harden finished solutions.
- Worked closely with team members to deliver project requirements, develop solutions and meet deadlines.

### **Information Technology Specialist** **Institute of Public Health Innovation**

**08/2020 to 05/2022**  
**Fairfax Station, VA**

- Created new accounts, reset passwords and configured access to servers and file management software for users.
- Reviewed support cases for technical and troubleshooting accuracy and identified needed process improvements.
- Maintained and controlled server room, wireless network and server infrastructure.
- Tested performance, functionality and security of network systems, individual workstations and peripheral devices.
- Maintained records, logs and lifecycle documentation of work requests.
- Performed continuous assessments of network structure, business content filters and security firewalls.
- Provided on-site technical support after project implementation and recommended product changes and upgrades to product managers.

- Executed scripts to communicate with back-end servers and provide real-time updates.

## **Software Developer**

**01/2017 to 08/2020**

### **Amazon**

**Manassas, VA**

- Designed front-end and back-end solutions for test-driven development.
- Participated in code review meetings, providing input on bugs, inefficiencies and potential solutions to emergent issues.
- Utilized assets and projects hosted on Amazon's AWS Cloud services.
- Developed RESTful micro-services using Java.
- Contributed back-end development experience and collaborated on multiple APIs crucial to functionality.
- Designed user-friendly software interfaces to simplify overall management.
- Collaborated with agile development team to test, develop and maintain web and desktop-based software applications.

## **Cyber Security Specialist**

**08/2016 to 05/2018**

### **NOVANT HEALTH HOSPITAL PRINCE WILLIAM MEDICAL CENTER**

**VA**

- Updated network systems to support confidential company operations and eliminate hacking.
- Evaluated existing security architecture and protocols for risk of vulnerability and recommended improved tools and protocols to management.
- Reviewed security audits to bring awareness to security problems and issues.
- Identified opportunities to improve network, application and cloud security through implementation of secure frameworks.
- Commended by customer for delivering large-scale network upgrade within budget and deadline.
- Leveraged subject matter expertise on new trends in privacy and security to counsel management on best practices.
- Researched various emerging attacks, threats and risks related to computer security to produce internal proactive security awareness reports.
- Installed and updated firewalls and antivirus software to protect computer systems from various cyber threats.

## **Medical Assistant**

**04/2015 to 04/2016**

### **NOVANT HEALTH HOSPITAL PRINCE WILLIAM MEDICAL CENTER**

**VA**

- Assist by taking vitals, medical, demographic information of patients and schedule appointments
- Complete and input new information by submitting into EPIC
- Prepare rooms for new patients, include stock, and remove any hazards equipment with the confines of the patients room
- Read and analyze incoming memos, submissions, and reports plan patient's distribution
- Conduct research, compile data, and prepare papers for consideration
- Coordinate and direct office services, such as records, personnel issues, and housekeeping, to aid executives
- Prepare invoices, reports, memos, letters, financial statements and other documents, using word processing, spreadsheet, database, or presentation software
- Direct or coordinate the supportive services department of a business, agency, or organization
- Prepare and review operational reports and schedules to ensure accuracy and efficiency
- Set goals for the patient
- Acquire, distribute and store supplies
- Monitor the facility to ensure that it remains safe, secure, and well maintained
- Monitor patient to ensure the needs are meet, include bathing, feeding, and patient access
- Analyze internal processes and recommend and implement procedural or policy to improve operations.

## **Manager of Operations**

**04/2014 to 06/2015**

### **Caputo's Market**

**Hanover Park, IL**

- Transfer and display produce for all to see and make effective purchase
- Inventory of all new produce products and effectively display items in appropriate spaces

- Display all items in a timely manner and make the produce appeals to customers
- Resolve customer complaints regarding sales and service
- Oversee local sales managers and their staffs
- Plan and direct staffing, training, and performance evaluations to develop and control sales and service programs
- Determine price schedules and discount rates
- Review operational records and reports to project sales and determine profitability
- Monitor customer preferences to determine focus of sales efforts
- Prepare budgets and approve budget expenditures
- Confer or consult with department heads to plan advertising services and to secure information on equipment and customer specifications
- Direct and coordinate activities involving sales of manufactured products, services, commodities, or other subjects of sale
- Confer with potential customers regarding equipment needs and advise customers on types of equipment to purchase
- Direct sales and service outlets of the organization
- Advise deals and distributors on policies and operating procedures to ensure functional effectiveness of business
- Represent company at by wearing product in and out of working hours to promote company.

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### Education and Training

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#### **Bachelor of Science: CyberSecurity**

**05/2022**

Old Dominion University

GPA: 3.7

#### **Associate of Science: Computer And Information Sciences**

**05/2020**

Northern Virginia Community College

Woodridge, VA

- 3.5 GPA
- Dean's List Honoree 2020

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### Certifications

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Certified Information Security Manager(CISM) Certified CompTIA Security Plus (Career ID #: COMP001021752608) Certified Armed & Unarmed DCJS Certified CPR languages

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### Languages

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- Bilingual Conversational (Spanish and Twi)
- English

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### Websites, Portfolios, Profiles

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- <https://sites.wp.odu.edu/dsarf001/>

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### Additional Information

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- References upon request