BRIAN D. OLSEN JR.

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Education and Certificates

Southern Illinois University (SIUE)	Edwardsville, IL
Major: Bachelor of Science in Computer Science	Expected: May 2014
GPA: 3.77/4.0	

Satellite Wide Area Network (SWAN)	2009
Camp Pendleton	San Diego, CA

Professional Experience

Management
- Supervised over a helpdesk comprised of fifteen marines.
- Designated each marine to certain tasks to ensure smooth workflow, as well as, look after the well being of subordinates.
- Organized the retrograde of the equipment; designating if it would get destroyed or sent to another unit.

Computer Support
- Assisted the Transition Assistance Program manager in the design, development and implementation of customer applications using off-the-shelf vendor software packages.
- Participated in a variety of projects utilizing computer skills to provide assistance in evaluating requirements and procedures.
- Assisted with the preparation of technical reports for Transition Assistance Program manager.
- Developed a user-friendly employment website for transitioning military members.
- Recorded statistical data and implemented new resources daily for website visitors.

Telecommunications
- Performed work assignments involving systems and services used in storage, manipulation, management, movement, control, switching, transmission assurance, or in the reception of information.
- Installed, configured, operated, maintained, and troubleshot LAN and WAN networking systems.
- Assisted in troubleshooting of problems within the network, and initiated corrective actions.

Network Equipment
- Performed work transporting, installing, and preparing the VSNAP (Virtual SIPRNet NIPRNet Access Point) for operation which provided much needed connection from the remote site in Ubaydi to Baghdad, Iraq where data was processed to identify potential terrorist movement.
- Identified components and techniques to properly operate and troubleshoot the Cisco switches and properly install, operate, and troubleshoot the KG-175D, an integrated cryptographic network device that encrypted and decrypted SIPRNet traffic.

Technical Support
- Provided users with technical support for computer problems, managed backup, security and user help systems.
- Consulted with users, officers, vendors, and technicians to assess computing needs and system requirements.

Information Management
- Assisted in conducting standardized integration of server software, hardware and communications components during the development, test, implementation and modification of the IT Systems.
- Developed computer information resources, providing for data security and control, strategic computing, and disaster recovery.

Employment History

Residential Solutions Development Intern   October 2013– Present
Emerson (White-Rodgers)   St. Louis, MO

Application Development Intern   August 2012 – October 2013
Scottrade   St. Louis, MO

Data Network Specialist   June 2006 – June 2012
United States Marine Corps   Bridgeton, MO
Honorable Discharge   June 2012

Website Manager, Dept. of VA Work Study   December 2010 – May 2012
Airman & Family Readiness Center   Belleville, IL

Skills

- Proficient in Microsoft Office (Word, Excel, PowerPoint, Outlook)
- Proficient in Microsoft Operating Systems (Server 2003, 98, XP, Vista, 7)
- Linux Operating Systems(Ubuntu, Fedora)
- Programming Languages (C++, Java, Python, Visual Basic, HTML,CSS, javascript, jQuery)
- CISCO Systems
- Software/Hardware Installation

Honors and Activities

Security Clearance Level
- Secret

Research
- Brian Olsen and Mark McKenney, "Storm System Database: A Big Data Approach to Moving Object Databases." International Conference on Computing for Geospatial Research and Applications (COM.Geo), 2013. doi: 10.1109/COMGEO.2013.30
- Brian Olsen and Mark McKenney, "Algorithms for Fundamental Spatial Aggregate Operations Over Regions." ACM SIGSPATIAL International Workshop on Analytics for Big Geospatial Data (BigSpatial), 2013.

Academic Clubs
- Golden Key Student Chapter
- Computer Association of SIUE (ACM Student Chapter)

Military Awards
- National Defense Service Medal
- Marine Corps Reserve Medal
- Certificate of Commendation
- Armed Forces Reserve Medal
- Iraq Campaign Medal
- Global War on Terrorism Medal
- Sea Service Deployment Ribbon