Johnathan Gilday

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Summary

Computer Scientist supporting research and software engineering efforts at US Army Communications Electronics Research and Development Engineering Center. Design and develop early prototype Command and Control software for Warfighters. Recent graduate from Rutgers University New Brunswick.

Education

Currently Enrolled at Johns Hopkins University for M.S. Computer Science with Software Engineering concentration

B.S. Computer Science with Economics Minor at Rutgers University 2010. GPA 3.3

Relevant Coursework: Data Structures, Software Methodology, Discrete Structures, Principles of Information and Data Management, Design and Analysis of Computer Algorithms, Artificial Intelligence, Computer Architecture, Computer Security

Experience

U.S. Army CERDEC, Fort Monmouth, NJ — 2005 – Present

- Accepted a full time position as a Computer Scientist in 2010 after being a student intern since 2005.
- Lead Engineer for CERDEC in-house developed Tactical Marketplace product
- Utilize Service Oriented Architectures to integrate C4ISR systems. Utilize standards, patterns, and best practices to support interoperability with other systems
- Developed Command and Control applications for mobile platforms, web, and Windows desktops.
- Developed demo applications and provided soldier training for prototype Command and Control Multi-touch Enabled Table (COMET) and Microsoft Surface device (.NET 3.5)
- Co-authored a paper on "Command and Control in a Multi-touch Environment" for the 2008 Army National Science Conference

The Daily Targum Publishing Company, New Brunswick, NJ — 2007 – 2009

- Associate Online Editor for http://www.dailytargum.com

Moss Gilday Group LLC, Little Silver, NJ — 2004 – 2009

- Part-time IT and web development support (developed http://www.mossgilday.com)
- Installation of client-server LAN

Rutgers University OIT, New Brunswick, NJ — 2007 – 2008

- On-site field consultant for Rutgers Residential Networking (part-time).

Technical Skills

Programming: .NET in C#, Java, Android, JavaScript, jQuery HTML5, CSS3, XML/JSON, Ruby
Development Tools: Visual Studio 2010, Eclipse, Git, Altova MapForce, vmWare
Operating Systems: Linux (Ubuntu), Mac OS X, Windows

Honors and Activities

CERDEC CP&I Team of the Quarter – Tactical Marketplace	2012
CERDEC Employee of the Year award (Team category- COMET Team)	2010
PEO C3T Award of Recognition for dedicated support to the C2 Mobile project	2009
Vice President of Phi Kappa Sigma Fraternity	2007 – 2009
New Member Recruitment Chairman of Phi Kappa Sigma Fraternity	2006 – 2007
Recipient of AFCEA Dr. Joseph Frank Scholarship Award for students studying CS	2006
Recipient of CompTIA Merit Award given by the CompTIA Educational Foundation	2006