

Luke Murphey

1413 Lorelei Dr. | Zion, IL | 60099 | 847.731.1921 | luke@threatfactor.com

Work Experience:

Sep/2008
to current

Converged Security / GlassHouse (Chicago, IL): Senior Consultant

Developed security managed services for customers; performed project planning and project development. Performed business development tasks such as assisting in the creation of marketing and sales materials and presenting to potential customers.

- One of 10 founding members of Converged Security (acquired by Glasshouse)
- Designed and implemented a SaaS vulnerability management system (equivalent to Qualys) in 5 months; system was delivered ahead of schedule and below budget
 - Technical details: system uses a web-based management console based on Django/Python, jQuery, and Flash; the agents are written in Java and communicate to the management console using REST over SSL.
- Performed business development tasks. Identified method to tap into new customer base, presented to potential customers and generated sales and marketing resources

May/2005
through
Sep/2008

Motorola Security Operations Center (Schaumburg, IL): Project Team Lead

Managed a team responsible for developing processes and software in order to support a Security Operations Center with over 50 customers including telecommunications providers, large enterprises, federal and local governments.

- Developed and maintained a system for automatically detecting and responding to incidents; system substantially reduced Analyst workload and successfully automated over 95% of detectable incidents
- Developed a system to identify intellectual property (IP) leaks; system was acknowledged by the CISO as an important countermeasure to IP theft
- Designed reports to illustrate security problems; reports were frequently used as the baseline template by others

Aug/2003
through
May/2005

Baxter Healthcare (McGaw Park, IL): Quality Engineer

Performed engineering analysis of product complaints and failures in order to identify root cause and preventative measures. Lead projects to improve existing product quality and qualify new products.

- Was one of two individuals in the Quality Engineering designated as an HP (High Performer) in 2005
- Improved the Quality Engineering lab in order to improve efficiency and address potential audit problems; lab was noted for its improvements by both the VP of Quality Engineering and an Auditor.

Other Experience

Jan/2005
to current

ThreatFactor.com: Open Source Project Leader (hosted at sourceforge.net/projects/nsia/)

- Designed and implemented a self-baselining IDS capable of detecting website defacements, compliance problems and other website content issues
 - Technical details: the scanner is written in Java with some parts written in C# and C. The website for providing signatures is written using Django/Python and served with Apache and CherryPy.
- Created over 2,000 signatures for detecting exploits, unusual content changes, policy violations and other issues

Education

2007

GIAC Certified Forensic Investigator (GCFA) – Honors

2005

GIAC Certified Incident Handler (GCIH) – Honors

2004

GIAC Security Essentials Certification (GSEC) – Honors

2003

University of Wisconsin – Milwaukee, WI. Bachelor's in Computer Science

1998

Florida College – Temple Terrace, FL. Associates of Arts