



# Michael V. Scovetta, CISSP

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## EXPERIENCE

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**CBS Corporation** **New York, NY**

**Director, Advanced Technology**

**Aug 2011-Present**

- Managed innovative mobile development group focused on data-driven enterprise mobile applications (iOS)
- Delivered highly-engaging mobile applications to business units (CRM, BI, social analytics) (HTML 5)
- Designed and implemented information discovery tool for television ratings, analytics, and social media
- Created interactive, social, second-screen, content-aware prototypes to business units and focus groups

**CA Technologies (CA, Computer Associates)**

**Islandia, NY**

**Senior Architect, IT Security**

**Oct 2008-Aug 2011**

- Co-led enterprise product mobile strategy working group
- Conceived, designed and developed mobile enterprise application platform (MEAP)
- Implemented a risk-based enterprise-wide multifactor authentication solution
- Responsible for Security Architecture within the Enterprise Architecture group
- Member of the "Global Future Leaders Development Program" (leadership development for high-potentials)
- Served on the "Council for Technical Excellence" (technical thought leadership organization)
- Organized and led the development of a company-wide software security assurance program
- Guided the "Engineering Excellence" committee on implementation of software security assurance program
- Designed and presented an SSL certificate management solution to C-level executive management
- Led security architecture globally within CA's IT division, supporting 500,000 customers and employees
- Reviewed and re-architected CA's Identity & Access Management technology program
- Created the "Brown Bag Technical Sessions" program (internal "tech talks" and innovation farming)
- Represented CA at an industry review panel of NIST's "Supply Chain Risk Management" recommendation

**Cigital, Inc.**

**New York, NY**

**Senior Security Consultant**

**May 2008-Oct 2008**

- Led security assessments of high-profile web-applications
- Reverse engineered and wrote brute-force utility for full-disk encryption software
- Authored technical security standards for Java and .NET
- Maintained and released Yasca (open source static analysis tool) on SourceForge

**UBS Financial Services, Inc.**

**Weehawken, NJ**

**Associate Director, Information Security Analyst**

**Jun 2005-May 2008**

- Conducted targeted, in-depth risk assessments against enterprise systems and processes
- Designed and developed static analysis tool (Yasca), leveraging FOSS components
- Evaluated commercial and FOSS black-box and static analysis security testing tools
- Conducted dozens of penetration tests against applications and hardware components
- Advised architects and project implementation teams on matters of software security and secure design
- Investigated security-related incidents (including forensics) and reported software vulnerabilities
- Authored two chapters of OWASP's "A Guide to Building Secure Web Applications and Web Services"

**Computer Associates International, Inc.**

**Islandia, NY**

**Senior Application Developer**

**Jun 2002-Jun 2005**

- Served as subject matter expert for secure software development
- Led the technical design of an enterprise-wide contract management system
- Developed online payroll self-service application and compensation management system
- Discovered and reported buffer-overflow condition within Cold Fusion Server

**Intern / Event Coordinator**

**May 2000-Jun 2002**

- Created web-based front-end to Microsoft Visual SourceSafe
- Designed and developed cross-platform utility for system metric logging
- Conducted a usability study of an enterprise backup solution

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## TECHNICAL QUALIFICATIONS

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### Leadership Proficiency:

- Technology Leadership, Enterprise Architecture, Information Security, IT Risk Management
- Development and implementation of security policies, standards, best practices
- Security review and assessment (penetration testing, architectural analysis, code review)
- Supply chain risk management (vendor reviews, assessments)
- Taught over forty "brown bag" sessions on technical topics (e.g. development, security, innovation)

### Language/Technology Proficiency:

- C/C++, Apache Tomcat, CA Directory, CA SiteMinder, Cryptography, Django, Drupal, Java, JavaScript, HTML 5, iOS/Objective-C, jQuery/jQuery Mobile, Linux, .NET, Fortify SCA, Metasploit, MS SQL Server, MySQL, Nessus, Nginx, Nmap, Perl, PHP, Python, Reverse Engineering, Ruby, SQL, TCP/IP, Twitter Bootstrap, XML, Yasca

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## EDUCATION

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### Cornell University

Ithaca, NY

Master of Engineering, Computer Science

### Hofstra University

Hempstead, NY

Bachelor of Science, Computer Science and Mathematics  
Cum Laude, High Honors in Computer Science, Mathematics

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## PROJECTS / CERTIFICATIONS / AWARDS / MEMBERSHIPS

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### Projects:

- "Snapskill": Innovative education platform for K-12 content (snapskill.com)
- "Yasca": Open-source static analysis tool focusing on application security, best practices (yasca.org)

### Certifications:

- Certified Information Systems Security Professional (CISSP) (#84370)
- Black Hat: Network Application Design & Secure Implementation
- ITIL v3 Foundation Certificate in IT Service Management

### Awards:

- Information Security Executive of the Year - Tri-State 2006, nominee

### Memberships:

- American Mensa
- Open Web Application Security Project (OWASP), project leader (OWASP Yasca Project)

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## PUBLICATIONS & SPEAKING ENGAGEMENTS

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- "Embracing Consumerization & Mobile Devices", Interviewee, E2 Radio, Enterprise Efficiency, January 2013
- "Building a Trustworthy Mobility Program", Author, SC Magazine, November 2012
- "Bridging Corporate and Personal Worlds", Author, SC Magazine, May 2012
- "Making Consumer Devices Enterprise-Reader", Interviewee, E2 Radio, Enterprise Efficiency, April 2012
- "Managing Multiple Devices", Interviewee, Facebook Livestream Event, Enterprise Efficiency, April 2012
- "Consumerizing, Mobilizing, and Policyizing your Workforce", Panel Speaker, SC Congress NY, November 2011
- "Emerging Trends in Enterprise Security", Panel Speaker, TechForum Security Forum 2011, October 2011
- "Opportunities in Cloud Storage", Co-author, September 2010
- "OWASP: Secure Coding Practices: Quick Reference Guide", Contributor, September 2010
- "WebCalendar: Multiple Vulnerabilities", SCL-2010-001, January 2010
- "Yasca: Yet Another Source Code Analyzer", September 2008
- "OWASP: Guide to Building Secure Web Applications and Web Services", Co-author, July 2006
- "A Strategy for the Migration of Stored Hashes between Algorithms", December 2005
- "Web-Services Expert Panel", Panel Speaker, J-Boss World, March 2005
- "WebCalendar: SQL Injection from Encoded Cookie", CAN-2005-0474, February 2005
- "IDN Feature Workaround via proxy.pac", SCL-2005-002, February 2005
- "Secure Redirection-Based Authentication", January 2004
- "Spoofing Redirection-Based Authentication Methods", November 2003
- "Image Stabilization and Related Work", Cornell University, December 2001
- "Predictability in Financial Markets", Hofstra University, December 2000