Mike Bell, Senior Software Engineer & Security Researcher

www.evildojo.com | linkedin.com/in/darkmage | bugcrowd.com/darkmagex6 | github.com/mikedesu | evildojo.itch.io

Technical Skills

Languages: C, C++, Python, Java, JavaScript, PHP, Objective-C, x86/64 Assembly
Security Tools: Burp Suite, Nessus, Metasploit, Kali Linux, FFUF, Nmap
Frameworks: Django, Flask, Cocos2d, Cocoa, UIKit
Other: Penetration Testing, Web Application Security, Static Code Analysis, Threat Modeling, Secure Coding Practices

Security Research & Open Source Contributions

- Ranked in top 1% of security researchers on Bugcrowd (#1807 of 200,000+)
- Discovered and reported 50+ critical vulnerabilities (CVEs pending) across Fortune 500 companies
- Hall of Fame acknowledgments from Xfinity, Comcast, and Indeed for security vulnerabilities
- Created security tools used by penetration testers worldwide:
- Created a website that held front page of reddit for a week in 2010 with over 1,000,000 visitors
- Created popular StepMania charts played by tens of thousands of players and seen by hundreds of thousands of viewers

Experience:

- *2017-present*: **Independent Contractor, Tutor** Varsity Tutors, Internet
    - Tutoring: Computer Science: Programming: **C/C++, Java, Python, x86/64, Javascript, HTML5, PHP, Django, Flask, Shopify, ChatGPT**
- *2020*: **Technology Consultant** Bunsow de Mory LLP
    - Source code review in technology-related legal cases: **C/C++, Python, Java, protobuf**
- *2015-2016*: **Security Consultant** Kratos SecureInfo, San Antonio, Texas
    - Penetration testing of web & mobile apps: **Python, Excel, CSV, XML, Nessus, Burp Suite, Kali Linux, Metasploit**
- *2014-2015*: **iOS Developer** iMobile3 LLC., Jacksonville, Florida
    - Corporate Native iOS software development: **PHP, Objective-C, Xcode, Apple Foundation, Cocoa, UIKit**
- *2011-2013*: **Game Developer** Gifting 365 LLC., San Antonio, Texas
    - iOS Game Client & Server: **PHP, Objective-C, Xcode, Cocos2d, MySQL**
- *2010-2011*: **Web Developer** myweb Refresh, Fernandina Beach, Florida
    - Co-developed 16+ web sites for local businesses: **Javascript, HTML5, CSS, Dreamweaver, Photoshop, Wordpress, PHP**
- *2007-2009*: **Tutor & Research Assistant** UTSA Computer Science Dept., San Antonio, Texas
    - Homework grading, research, Lab instruction **Java** with 20-30 students of all ages: **Java, C, Perl, FORTRAN, Performance Testing & Tuning**
- *2008*: **Treasurer, Website Admin**: Association of Computing Machinery (ACM) UTSA Chapter
    - Website maintenance: **HTML, CSS, PHP, Javascript, Joomla**
- *2006*: **Computer Science Mentor** Prefreshman Engineering Program, San Antonio, Texas.
    - Taught classes of middle school kids how to write **Java** programs.
- *2002*: **Computer Science Mentor** Bethel High School, Hampton, Virginia.
    - Taught classes of elementary school kids how to write **HTML** websites.

Education:

- *2004-2008,2011*: **Bachelors (BS) of Computer Science** University of Texas San Antonio
    - Dean's List, *Fall 2007*
    - Independent Study: Compiler Research, *2008*

Technical Projects

raylib-rpg-c: C-based RPG engine using raylib (1k+ lines of optimized C code)
asciishade: Terminal-based ASCII art editor using ncurses
Security Tools: Created multiple open-source tools used by penetration testers