Mike Bell, Computer Scientist, Game Developer, Security Researcher

www.evildojo.com | linkedin.com/in/darkmage | bugcrowd.com/darkmagex6

Personal Achievements

- Programming For 28 Years (since 1997)
- Role-playing Game In Development, Demo Available: https://evildojo.itch.io/projectrpg
- Hacking & Security Research: Bugcrowd Rank 1802th as of 06/19/2025
  - Xfinity hall-of-fame
  - Comcast hall-of-fame
  - Indeed hall-of-fame
- Thousands of hours tutoring hundreds of students since 2002
- Created a website that held front page of reddit for a week in 2010 and was acknowledged by **wikileaks**
  - Over 1,000,000 visitors
- Created popular StepMania charts played by tens of thousands of players and seen by hundreds of thousands of viewers
  - One Winged Angel Advent Children Version: https://www.youtube.com/results?search_query=stepmania+darkmage+one+winged+angel
  - https://search.stepmaniaonline.net/pack/id/Archmage%20and%20Dark0wl%20Hammer%20of%20Thor%20UltraHyperMegaPack
  - https://etternaonline.com/packs/3330

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*

Free Software I'm Writing That I Like

- An RPG game engine written using C and raylib: `raylib-rpg-c`: https://github.com/mikedesu/raylib-rpg-c
- An ascii art editor written in C and ncurses: `asciishade`: https://github.com/mikedesu/asciishade
- A tool for generating filter flags for use with the Project Discovery tool, `ffuf`: `ffuflags`: https://pypi.org/project/ffuflags/
- A tool for generating combinations of query-parameters from a given URL as a replacement for `qsreplace`: `queryswap`: https://pypi.org/project/queryswap/