
documentclass: extarticle fontsize: 8pt

Mike Bell, Computer Scientist

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

Experience:

- *2017-present: Independent Contractor, Tutor* Varsity Tutors, Internet
 - Tutoring: Computer Science: Programming
 - **C/C++, Java, Python, x86/64, Javascript, PHP, Django, Flask, Shopify, ChatGPT**
- *2020: Technology Consultant* Bunsow de Mory LLP
 - Source code review in technology-related legal cases
 - Research assistance in technology cases
- *2015-2016: Security Consultant* Kratos SecureInfo, San Antonio, Texas
 - Penetration testing of web & mobile apps.
 - Python Excel CSV XML scripting.
 - Development of novel mobile process memory exfiltration procedure.
 - Development of novel Javascript/PHP social media exploit procedure.
 - **Nessus, Burp Suite, Kali Linux, Metasploit**
- *2014-2015: iOS Developer* iMobile3 LLC., Jacksonville, Florida
 - Corporate Native iOS software development.
 - Found & fixed bugs.
 - Created middleware.
 - **PHP, Objective-C, Xcode, Apple Foundation, Cocoa**
- *2011-2013: Game Developer* Gifting 365 LLC., San Antonio, Texas
 - Wrote an iOS client app & server backend
 - Procedures for publishing an app on the Apple App Store.
 - Wrote a dungeon crawler game with procedural asset generation.
 - **PHP, Objective-C, Xcode, cocos2d, MySQL**
- *2010-2011: Web Developer* myweb Refresh, Fernandina Beach, Florida
 - Co-developed 16+ web sites for local businesses.
 - Wrote a credit card transaction system for a local bbq festival.
 - **Javascript, CSS, Dreamweaver, Photoshop, Wordpress**
- *2007-2009: Tutor & Research Assistant* UTSA Computer Science Dept., San Antonio, Texas
 - Taught after-class **Java** lab recitations with 20-30 students of all ages.
 - Graded homework.
 - Tutored freshmen/sophomores.
 - Used my professor's custom language to write programs.
 - **Java, C, Perl, FORTRAN**
- *2006: Computer Science Mentor* Prefreshman Engineering Program, San Antonio, Texas.

- Taught classes of middle school kids how to write basic Java programs.
- **2002: Computer Science Mentor** Bethel High School, Hampton, Virginia.
 - Taught classes of elementary school kids how to write basic 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*
- **2008: Treasurer, Website Admin:** Association of Computing Machinery (ACM) UTSA Chapter
 - Performed maintenance & admin duties for chapter website

Personal Achievements

- Bugcrowd Rank 1727th as of 05/23/2024
 - All Time Vulnerabilities Reported 51 with 100% Accuracy
 - 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
 - Over 1,000,000 visitors

Free Software I'm Writing That I Like

- **ecs:** <https://github.com/mikedesu/ecs>
 - An entity-component-system and game written in C++ and libsdl
- **asciishade:** <https://github.com/mikedesu/asciishade>
 - An ascii art editor written in C and ncurses
- Tools released on PyPi (Python)
 - **ffuflags:** <https://pypi.org/project/ffuflags/>
 - * A tool for generating filter flags for use with the Project Discovery tool, **ffuf**
 - **queryswap:** <https://pypi.org/project/queryswap/>
 - * A tool for generating combinations of query-parameters from a given URL as a replacement for **qsreplace**