

STUART W. TEMPLETON

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Skill Summary

Information Security

- Led Red Team abuse testing for Alternate Reality Game EA's Majestic
- Performed application security testing and game memory manipulation for Electronic Arts QA
- Performed security testing and incident response for the Electronic Arts game web portal.
- Tested for abuse in multiplayer systems in five AAA MMORPGs
- Performed network and application security testing for multiplayer Progressive Slots casino games
- Conducted security-focused code reviews and evaluated static analysis tools.

Software Development

- Developed SaaS web applications using Ruby on Rails, MySQL, and elasticsearch.
- Created procedural generation engines for narrative building and object creation for Starscan
- Developed Xamalga for iOS and Android in Cocos2d-x using C++ and native libraries.
- Developed custom data adapters for hospital Laboratory Information Systems and point-of-care devices.

Project Management

- Managed full development lifecycle for Starscan, Enigmata VR, Xamalga
- Orchestrated full product launch and patch releases for Starscan and Xamalga
- Designed and implemented an elastic multi-stage CI/CD pipeline for Video Gaming Technologies

Experience

Sabbatical | 2021 - Present

Took time to release personal FOSS projects Starscan and Enigmata VR and pursue educational goals.

Open Form Games | Project Lead | 2015 - 2021

Shipped games: Xamalga, Xamalga v2, Vegas Prime Retrograde (beta)

Open Form Foundation | Project Lead | 2011 - 2015

Shipped software: Autobiopolis, FlyerZero, PetiteBoard

Video Gaming Technologies, Inc. | Software Engineer II, Infrastructure | 2006 - 2011

Shipped games: 20+ titles, including Hot Red Ruby, and The Hunt for Neptune's Gold

Medical Automation Systems | LIS Engineer | 2005 - 2006

Shipped games: Remote Automated Laboratory System (RALS)

MusicToday, LLC. | QA Analyst | 2004 - 2005

Shipped software: Music Today ticketing engine

Electronic Arts (Kesmai, EA.com, MAXIS) | AppSec QA | 2000 - 2004

Shipped games: The Sims Online, EA's Majestic, Ultima Online, Battletech: Solaris, Battletech 3025

References and additional experience available on request.

Education and Certification

A.A. Liberal Arts

PVCC | Charlottesville, VA 2015

CompTIA Security+ CE

CompTIA 2021

Tools and Frameworks

C#, Python, Perforce, x86 Assembly, Git, Linux (Incl. Kali), Shell Scripting, Metasploit, BurpSuite, OWASP, MITRE ATT&CK, PowerShell, ELK Stack, Ruby on Rails, MySQL, HTML/CSS, ElasticSearch, SCRUM, Agile, KanBan, CI/CD, Linode Cloud, SDLC, Ghidra, IDA Pro