

Résumé

Aaron Ward
aaron.of.ward@gmail.com
(541) 588-6353

Introduction:

My name is Aaron Ward. I am a skilled software engineer and an experienced manager and team builder. I have a broad background in software and technology, and over 15 years of experience. I have worked in a variety of roles, and am most interested in :

Software Engineering Team Lead

Project Manager

Video Game Designer

I have learned that the best software products are created by independent thinking, solid engineering practices, and philosophies of cooperation, innovation, usability, and simplicity. Read more about my philosophy and leadership style on my website : <http://aaronofward.com/philosophy.html>

Technical Skills:

Programming	C#, .Net, Java (Swing, J2EE), XML, C, C++
Web Design	Web Services, PHP, JavaScript, JQuery, CSS, JSP
Databases	Oracle, SQL Server, PL/SQL, MySQL
Video Games	XNA Game Studio, Flash, Virtual Reality
Graphics	3D Modeling, Motion Capture, Animation, Particle Effects
Other	CMMI, Cloud Computing, Configuration Management, Real-Time Data, TIBCO, JMS

Work History:

2003-present Video Game Designer, GeeQ Studios

Designed, created, and published video games for the PC and Xbox 360 platforms. Used skills across many disciplines, including 3D modeling, motion capture, animation, sound, video, and photo editing, particle effects, code optimization, AI algorithms, and simulations. Created a set of utility libraries for handling player input, organizing menu systems, creating and displaying custom 2D/3D primitives, and managing game states.

2009-2010 Principal Software Engineer at Tygart Technology

Developed new software for several U.S. Government agencies, using C#, TIBCO, JQuery, and Cloud Computing technologies..

- Designed, implemented, and deployed a custom badging & access control integration system to NSA headquarters at Fort Meade. Held project review meetings, prepared documents and reports, and responded to feature requests. Key elements of the system included a reliable messaging service, integrated logging & alert capabilities, and real-time configuration updates.
- As part of a 10-person team, developed, tested, and deployed a media exploitation server to U.S. military clients, including units deployed in Afghanistan. Running on a cloud computing grid and using biometrics to search images and videos, the system assists intelligence analysts in identifying individuals and mapping their connections and activities.

2007-2008 Engineering Team Lead, DRS Technologies

As project manager and engineering team lead, designed and developed a military base access control system for the U.S. Air Force, featuring personnel and vehicle registration, RFID identification, handheld badge readers, license plate recognition, automated gate control, and criminal database checks.

2004-2007 Senior Software Engineer, Silent Solutions, Inc.

Developed and released several new versions of a real-time equipment analysis and reporting application for the U.S. Postal Service, currently deployed at dozens of mail sorting facilities nationwide.

1996-2004 Programming & Technical Services as Self-Employed Consultant

Designed and wrote custom software applications, built and serviced computer systems, and provided project management services to corporate clients.

- Hired and managed 30 teams of technicians across the country to perform a major deployment of computer hardware to 200 Best Buy stores. Awarded a follow-up contract for deployment of 4,500 additional systems.
- Built and installed a custom satellite-based radio system, automating 20 radio stations and saving \$400,000 annually.
- Integrated new access control, timekeeping, and visitor registration systems together at a manufacturing plant with 600 employees.

1990-1994 Office Manager, United States Navy (Desert Storm)

Managed the Captain's Office, maintained shipboard personnel files, and provided general administrative support to the ship's officers and crew. Served during the Persian Gulf War (Desert Storm), in the USS Abraham Lincoln Battle Group. Eligible for Ten Point Veterans Preference and Veterans Recruitment Appointment program.

Certifications, Achievements, & Academics:

- 2004 President, College of William & Mary chapter of Association of Information Technology Professionals
- 2001 AAS degree in Computer and Information Science (Summa Cum Laude), ECPI College of Technology
- 2001 Vice President, ECPI National Vocational Technical Honor Society
- 2000 A+ Certified Technician, CompTia
- 2000 Certified Project Manager, Brainbench

Schools attended:

- 2002-2004 The College of William & Mary
- 2000-2001 ECPI College of Technology

In closing:

Thanks for taking the time to look over my resume. If you think we'd be a good match, please drop me a line.

Aaron Ward
aaron.of.ward@gmail.com
(541) 588-6353