

Sean Gleeson

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Summary

Programmer, full stack developer of interactive websites and applications, mobile apps.

- Expertise in PHP, MySQL, JavaScript, AJAX, SVG, HTML5, CSS3
- Professional website design and development, including dynamic CMS and e-commerce
- Clean, creative, enjoyable, usable interface design
- Design and programming of interactive courseware and games
- Secret Security Clearance for classified defense work
- Affinity for Apache server, Mac, Unix, Linux, iOS, and Android systems
- Love of open-source and standards-based development

Professional Experience

Delaware Resource Group

JUL/2011 to JUN/2017

Senior Programmer

Oklahoma City, Oklahoma

DRG is a defense contractor with about 700 employees at dozens of sites in America and overseas.

- Programmed Interactive Courseware (ICW), Computer-Based Training (CBT) modules for the United States Air Force and other clients.
- Built training modules that use the SCORM API to run on a Learning Management System (LMS), which tracks every student's progress in real time.
- Designed user interfaces which comply with Section 508 Accessibility Standards and other mandates.
- Developed the drgok.com website, as well as several sites for DRG clients.
- Programmed DRG's online expense report application, a cross-platform mobile app to log expenses for all employees.
- Also did audio and video editing, animation, 3-D modeling, graphic design, and any other required tasks as needed.
- Used technologies including HTML5, CSS3, JavaScript, Node, jQuery, SVG, WebGL, PHP, MySQL, software including Blender and Adobe Creative Cloud.

Oklahoma City Community College

AUG/2005 to DEC/2011

Adjunct Professor

Oklahoma City, Oklahoma

OCCC is a two-year college, where I was a Professor of Graphic Communications.

- Taught HTML, CSS, PHP, MySQL, JavaScript, Dreamweaver, Flash, ActionScript to college students.
- For one advanced Web Development class, I had each student build a database-driven “50 States” website in PHP and MySQL, with content about each of the U.S. states served from a MySQL database.
- For another, I had each student create an original in-browser video game, from start to finish.
- In addition to teaching technical and coding skills, imparted principles such as user interface design, responsive layout, and progressive enhancement.

Freelance

APR/2003 to JUL/2011

Web and Game Developer

Oklahoma City, Oklahoma

I did freelance work during this period, specializing in website and online game development.

- Created interactive content for clients including Oklahoma Publishing Company (publishers of the *Oklahoman* newspaper and newsok.com) and Turner Entertainment (cable broadcasters of CNN, TBS, TNT, and Cartoon Network).
- Built several “advergames,” fun online games that promoted an event or business. These included jigsaw puzzles, mazes, racing games, and one where you had to beat up a cow.
- Built “Wichita Faro,” an online simulation of the classic Old West game faro. This beautiful game was praised by critics, and was even included as a kiosk in a museum in New Mexico. I licensed it to Turner Broadcasting to put on their *Into the West* website.
- Built an online Texas Hold ’Em poker game engine which was so good I sold it to Turner Broadcasting twice. First it was the game “Very Funny Texas Hold ’Em, ” then two years later it was re-skinned as “My Boys Texas Hold ’Em” to promote a new sitcom on TBS.
- Built “Dashabooja,” an original poker-based game inspired by the art and music of India. I licensed Dashabooja to Big Fish Games.
- Used technologies including JavaScript, HTML, CSS, PHP, MySQL, and Flash.

Technical Skills

Coding Languages:	PHP, JavaScript, ECMAScript, JSON, HTML, CSS, SVG, XML, MySQL, SQL, ActionScript
Technologies:	OAuth, AJAX, REST, SOAP, API, WebGL, Node, jQuery, Three.js
Software:	Apache HTTP Server, Apache Cordova, Blender, Adobe Creative Cloud (Illustrator, Photoshop, Edge, Flash, InDesign, Dreamweaver, Audition, Premiere)
Platforms:	Linux, iOS, Android, Macintosh, Windows, Kindle, WordPress, Concrete5, GitHub, Composer
Other Talents:	Illustration, animation, photography, audio and video production, graphic design, art direction, writing

Education

Loyola University of Chicago, Chicago, IL • **B.B.A., Marketing**