
SOFTWARE DEVELOPER

Profile

- Master's degree in Computer Science
- Over 9 years of professional programming experience.
- Strong analytical abilities.
- Excellent interpersonal and communication skills.

Technical Skills

Languages: C#, C/C+, Java, AS3 (Flash 11), Objective C
Graphics: DirectX, OpenGL, Stage3D
Software & Technologies

- Database: SQL, MongoDB
- Platforms: Microsoft Windows, Linux, Mac/iOS
- Software: Microsoft Visual Studio, Eclipse IDE, NetBeans IDE, Adobe Photoshop, Adobe Illustrator, 3DS MAX, FlashBuilder, Unity, XCode
- Other: OO Design, GUI Design, Documentation, Testing, Performance Optimization, Algorithms, Source Management Tools

Employment

Disney Interactive Media Group, Solana Beach, CA *2011 - 2013*

Tools Client Engineer

- Porting game engine client to Flash 11 Stage3D.
- Extending game engine for 3D support.
- Performance optimization & code refactoring.
- Game tools support for Club Penguin team (Flash and iOS)

ForgeFX, Remote *2011 - 2012*

Software Engineer

- Developed 3D training simulation software for industrial projects. (XNA)
- Extended Sunburn graphics engine to accommodate for custom features.

Freelance Game Developer *2009 - Present*

- “37 Days to Die” - dual-stick shooter, released on XBOX Live Indie Games Market. (2012) (XNA)

Physics Optics Corporation, Torrance CA *2004-2011*

Software Engineer (part-time)

- Provided software support for research projects, such as automation of data acquisition, processing, storage, and presentation. Implementation of hardware and driver control interfaces. Built software for image processing, NI-DAQ devices, GIS, GPS devices, motors, actuators, image sensors, laser systems, interferometers, and photo detectors.

Luminit, Torrance CA *2006 - 2008*

Software Engineer (part-time)

- Developed control software for diffuser printing machines and measurement of diffuser parameters. Designed and built setup and developed automation software for diffuser testing.

Education

California State University Long Beach, CA *2005 - 2014*

Master's degree in Computer Science, May 2014
