

Jamil R Khan

118 Green Moor Way Apt 7
Henrietta, NY 14467

JamilRKhan@gmail.com

914-523-7747

Online Portfolio: www.jrkhan.com

Objective

To gain further experience as a freelance/contract software application developer

Technical Expertise

Languages: Actionscript, Flex, C#, PHP, HTML, CSS, Javascript, ASP .NET, Python, Visual Basic, C/C++/Objective C

Software: Flash Builder (Eclipse based), Unity3D, Flash, SQL Server, MySQL, ArcGIS, MS Access, Photoshop, Blender, Tortoise SVN

Libraries: OpenGL, Google Maps/Data API, Papervision3D, jQuery

Education

BS in Public Policy with Technology Policy Specialization

Rochester Institute of Technology, Rochester, NY

- Coursework in network technologies, data-analysis and computer science
- 30 Credit hours towards MS in Science, Technology and Public Policy

Work Experience

Second Avenue Software, Rochester, NY

Software Developer

August 2009 – Present

- Communicates with clients to generate requirement documents
- Balances project budget and client satisfaction creation of software applications
- Provides support to sales team for project pricing and scoping
- Supervises team of developer interns
- Comfortable working in an agile development environment
- Utilizes versioning software among a multi-developer team
- Lead developer on creation of virtual labs for Houghton Mifflin Harcourt Publishers
- SQL server development for iPhone application for Pearson Publishers
- Develop various software applications for clients in the educational industry utilizing:

PHP, MySQL, Javascript, .NET framework 4., C#, Action Script 3 and 2, Objective C for the iPhone, and Python scripting for 3D art in Maya

Action for a Better Community (ABC), Rochester NY

Community Support Coordinator

May 2006 - August 2009

- Coordinate program activities to build capacity in community organizations and increase social capital. Activities included establishing an online presence through application and web development
- Design, implementation and maintenance of a SQL Server database with AJAX web interface

with automated report generation-also responsible for making consistent improvements and modifications to the system to accommodate organizational needs

- Creation and maintenance of web based referral application and database with a Flash GUI
- Cross-browser compatible website design for neighborhood groups and community organizations
- Other activities resulted in transferable skills:
 - Facilitation of meetings for a team-based approach to problem solving
 - Strict documentation in accordance with federal reporting requirements
 - Making tight deadlines despite unforeseeable setbacks

Public Policy Department Rochester Institute of Technology

Research Assistant

September 2005-January 2006

- Literature review regarding the U.S. printing industry
- Assist in creation of a model diagramming the value chain of the industry

Personal Programming Projects

Oribiter

Currently in Development

- 3D Space RPG created utilizing Unity

Echoes of Sarnath

Released January 2011

- 3D Tower Defense Game created utilizing Unity
- Semi-finalist in the Kongregate Unity Game Development Contest

Punkin'

Released October 2008

- Lights-Out style puzzle game created in Flash utilizing Action Script 3

Small web projects:

RoseCatherine.com, launched Summer 2008, utilizing MySQL database with PHP

PlanetZeep.com, launched Summer 2011, utilizing MySQL database with PHPs

Additional Skills

- Classically trained pianist with experience creating original compositions and sound effects for digital media
- Strong understanding of 2D and 3D digital art through collaboration with digital artists