

Freddy Garcia

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Education

Rochester Institute of Technology

Bachelor of Science in Game Design and Development

Minor in Japanese Language and Culture

Kyoto Study Abroad Program at Doshisha University (May-August 2013)

German Game Design Study Abroad Program at Paderborn University (May-June 2014)

Expected graduation: May 2015

GPA: 3.43

Experience

Vistaprint

Software Engineer Intern

Designed and developed user interface for a web-based tool used for manufactured product introduction.

Implemented data validation and business logic using JavaScript to automate data entry. Used a Git repository within Atlassian Stash for source control.

Lexington, MA

June - August 2014

Menfes Interactive

Game Programmer

Created two social games for iOS, Android, and Facebook using C# in Unity.

Atlanta, GA

September 2014 - Present

Projects

Food Friends

Paderborn University: Game Jam

A casual game about controlling various countries into eating food that is not associated with them.

Implemented buttons and menu navigation within the game using JavaScript. Improved code readability by abstracting code unrelated to the game loop to separate modules. As lead programmer, gave specific tasks to others in order to limit bottlenecks during development.

Chocofling

RIT iOS App Challenge 2014

A casual game where the player flings fondue at falling food while avoiding non-food objects.

Implemented various aspects of the game loop, such as collision detection, spawning, and power-ups.

Implemented a high score system to elevate the game's replay value.

Skills

Languages: JavaScript | C# | Objective-C | C++ | HTML5 | CSS 3 | PHP | ActionScript 3.0 | Java | SQL

Libraries: Canvas | Three.js | OpenGL 3.2+ | DirectX 11 | OpenAL | jQuery | .NET 4.5 | XNA 4.0

Software: Unity | Xcode 4.6+ | Visual Studio 2008-2013 | Git | Autodesk Maya | Adobe Flash
Adobe Photoshop | Microsoft SQL Server | MySQL

Miscellaneous

Spoken Languages: English | Spanish | Japanese (Advanced)

Electronic Gaming Society at RIT: Photographer (2011 - present)

Asian Culture Society at RIT: Photographer (2012 - 2013)