Alice N. Quiros

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► Academics

2011 - Dec 2015 **Stony Brook University (SUNY)**
Degree Bachelor's of Engineering
GPA 3.53 - Graduated Cum Laude
Major Computer Engineering
Minors Computer Science, Digital Art & Culture

► Skills

Technologies Unity, .NET, C#, C++, C, Java, WPF/Xaml, SQL, VLC, FFMPEG, Telerek
Environments Visual Studio, Netbeans, Eclipse, MonoDevelop, Git, Subversion, TFS, Jira
Multimedia Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Blender, Networked Cameras
Additional Fluent in Spanish

► Experience

2016 - Current **IPVideo Corp**
Role Software Engineer
Tasks Maintain and manage multi-developer Git repositories
Maintain and create applications for the AVfusion Recording and Playback system
Established continuous and bi-weekly automated builds using Visual Studio

2015 **IPVideo Corp**
Role Software Engineering Intern
Tasks Managed, archived and refactored legacy source code
Developed scripted extensions to provide customers with custom solutions

2012 - 2016 **SBU Gamers' Guild**
Positions President (2014 - 2015), Secretary (2013 - 2014), Core Member (2012 - Current)
Tasks Coordinated with various University organizations to provide public events
Organized and led weekly meetings with members of the organization
Secured sponsorships and monetary funds from third parties

► Projects

2017 **AVfusion System Development**
Inherited, managed and updated the IPVideo AVfusion distributed system
Managed multi-branch git repo and automatic/biweekly build process
Created various applications in .NET including the user-end console
Implemented MVVM pattern for the GUI-based applicationss

2016 **Garbler**
Open-source Java-based library which creates nonsensical words and sentences
Parses and analyzes real-world languages to use as seeds in the generation
Available on Github (beta)

2015 **Motion-controlled filtering of guitar signal**
Coordinated with a team of engineers to design and develop a mixed-signal project
Designed and constructed a working prototype control unit to receive and process both user and sensor input, and control both analog and digital systems

References available upon request