

Andrew Geyster

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<https://github.com/AGeyster>

Position of Interest:
Software Developer

Recent Projects

- Implemented the functionality to handle large amounts of projectiles with physics simulation, loading and saving file data to the computer, as well as integrating the ability to make custom scripts and writing those scripts to enhance game-play in a small team game development.
- Developed a networked application and end user environment using JSQL to allow access to write, change, and read out from an internet database.
- Designed a graphical interface to change in real time objects through a scene-graph as well as point by point wire-frame models.
- Directed a team using AGILE to create management software using relational algebra.
- Analyzed and reverse engineered code based on understanding of decompiled software through the use of code injection.
- Composed technical documentation and proposal to include creation of a basis of estimates given work breakdown for a team project in an academic setting.

Education

George Mason University Volgenau School of Engineering (2010 – 2015 December)

Applied Computer Science with Specialization in Computer Game Design

Skills

Languages: Java, Java Script, JSQL, C++, C, C#, Oracle, HTML5, Lua

Software: Eclipse, Visual Studio, gVim, Maya, Adobe After Effects, Unreal Development Kit, Unity3D Engine

Libraries: OpenGL Graphics Library, Ogre3D Open Source Graphics Engine, FLTK

Specialty Topics: Agent-based modeling, Database implementation, Object and Data Management, Physics Simulation, Pathfinding, Script writing and development

Experience

Vint Hill Craft Winery

Retail Manager (October 2015 – Current):

- Ensuring proper VWDC and ABC regulations are followed by the staff
- Overseeing and building reports of the sales and figures of the company
- Documenting and managing the inventory on the sales floor and storage
- Setting product release dates and creating product descriptions
- Instruction of new employees in the tasting room

Wine Educator (May 2014 – September 2015):

Giant of Maryland

Gas Station Attendant (Fall 2013 – Spring 2014):