

JOSEPH VESCO

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Education

Master of Computer Science

University of Nevada, Reno

Graduated 2011

Bachelor of Engineering Physics

University of Nevada, Reno

Graduated 2009

Experience

Software Engineer II, Hamilton Company

Reno, Nevada — 2015 to present

- Perform object-oriented design and implementation of applications for PC and embedded devices using C# in multiple versions of Visual Studio
- Design workflows and develop software for new product features of liquid-handling robot controllers, certification applications, and management tools that work with devices on a network in order to run tests
- Upgrade existing applications to newer operating systems and versions of Visual Studio to keep products current and capable of using features in these newer environments

Firmware Engineer II, Scientific Games

Reno, Nevada — 2013 to 2015

- Performed C#/ .NET and C++ design, code development, debugging, testing, integration, and documentation of software products
- Developed client-server based systems and tools using Unity, WCF, Shaders, Visual Studio, and Perforce, among other programs
- Conducted team-based technical analysis of proprietary software development, including the use of third-party tools

Firmware Engineer I, Bally Technologies

Reno, Nevada — 2012 to 2013

- Traveled to casino floors to train clients and troubleshoot network, software, and hardware issues
- Developed hardware and network management software using C# and performed database design using Microsoft SQL
- Reviewed code base to reduce bugs and implemented improvements to streamline software

Student Worker, High Performance Computation and Visualization Lab

Reno, Nevada — 2009 to 2011

- Developed games and educational applications for a Linux-based 3D virtualization system
- Managed and performed software and hardware upgrades to this 3D system

Student Worker, Nevada Terawatt Facility

Reno, Nevada — 2006 to 2009

- Designed, fabricated, and calibrated high-energy laser systems, peripheral electronics, and EM shielding
- Prepared experiments in the field of high-energy density, laser, and plasma physics