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## **EDUCATION**

Worcester Polytechnic Institute, Worcester, MA  
**Bachelor of Science in Interactive Media and Game Development**

March, 2009

University of Massachusetts, Amherst, MA  
**Bachelor of Science in Computer Science**

December, 2000

## **PROJECTS**

WPI, Major Qualifying Project – Hooping

- Designed and created a 3D space racing game
- Wrote most of the ship movement and collision detection code, some obstacle controllers, and game timer

WPI, Independent Study Project – Climate Connections Card Game

- Designed and created a card and computer game to aid school children in learning about climate change
- Sponsored by US FIRST

WPI, Interactive Qualifying Project – WPEye.Net: An Alternate Reality Game for WPI Admissions

- Served as team leader
- Organized and coordinated efforts of the team's members

WPI, Humanities Sufficiency Project – Animated Short Film

- Wrote, animated and edited a short film adaptation of Aesop's fable, "Androcles and the Lion"

UMass, 3D Animation and Digital Editing – class project

- Animator and special effects designer for "EWE-F-O II" animated short film.
- Successfully devised a "wormhole" effect, similar to that used in the movies "Stargate" and "Contact"

## **SKILLS**

Languages: C/C++, Java, Visual BASIC, HTML

Operating Systems: Windows Vista/XP/2000, UNIX, Mac OS

Programs: Microsoft Word, Excel; Adobe Photoshop, Autodesk Maya, Macromedia Director

Game Engines: Terathon C4, Sun Java Monkey Engine

## **WORK EXPERIENCE**

**Camp Instructor**, iD Tech Camps, Cambridge, MA

May – August, 2007

- Instructed older campers in Advanced Programming using C++
- Aided in camp preparation
- Maintained the safety of all campers

Quabaug Corporation, North Brookfield, MA

March, 2003 – August, 2006

**Laboratory Technician** (March, 2004 – August, 2006)

- Responsible for testing stock daily to make sure it matched specifications
- Maintained database of new and experimental formulas
- Provided help and support for factory personnel
- Aided other technicians with computer-related issues

**Sole Service Person** (March, 2003 – March, 2004)

- Routinely cycled fresh and cured stock to sole molders
- Cleaned and changed mold presses

**Seasonal Help**, United States Postal Service

December, 2002

- Sorted incoming mail and aided in reloading outbound trucks

**Junior Software Developer**, OM Technology, Marlborough, MA

February – July, 2001

- Wrote in-house customer support system for tracking throughput of running products

### **ACTIVITIES**

WPI Game Development Club

2007 – 2009

- Participated in several game jams and other events

University of Massachusetts Minuteman Marching Band

1996 – 2000

- Field Staff, 1998-2000: Aided rookies in marching technique (Band Camp); Leader and assistant throughout the season