

## Matthew T. Karn

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Portfolio Site: <http://matthewkarn.weebly.com/>

*Reliable, tenacious software professional with strong skills in C#, C++, and XML. Strong team collaboration skills. Able to complete work in a timely manner. Ability to create and execute a plan.*

### SUMMARY OF SKILLS

- Advanced Game Programming (C++)
- Game Persistence
- Flash (ActionScript 3.0)
- Software Testing & Quality Assurance
- XNA 4.0 Game Console Programming(C#)
- Game Architecture
- MOD (Sourcetm)
- Java Programming
- Game programming Math 2D/3D
- Word, Excel, Access, PowerPoint
- API Programming. DirectX
- Character Modeling
- Game Design/ Development
- IOS (Obj-C)
- Design Patterns

### EDUCATION

New England Institute of Technology, East Greenwich, RI

***Bachelor's Degree in Game Development and Simulation Programming Technology - 9/2012***

Accomplishments: GPA: 3.76/4.0, Dean's List multiple quarters, Phi Theta Kappa International Honor Society for Academic Excellence

***Associate's Degree in Game Development and Simulation Programming Technology - 5/2011***

#### ***Merit Scholarships:***

38 Studios Game Developer Scholarship, NEIT 2011 • Compass Corporation Scholarship, NEIT 2010  
American Society for Quality (ASQ) - 3 Scholarships • Inspection Division, 2009 • Rhode Island Section, 2010 • Northeast Quality Conference, 2011 • North Smithfield Youth Soccer Association, 2009

***Related Project Work:*** Worked with a team in the creation of an action/adventure game called "***Orochi.***" Implemented the software that drove animation and game play action such as: using player abilities. Brainstormed with the team to develop a plan and then execute the plan. Resolved issues as they arose. Turned the work in on time and earned an "A" for the project.

### WORK EXPERIENCE

**Glad Works Inc., Pawtucket, RI**

2011 - 2012

#### ***Tech-Internship***

- Assisted the company with multiple projects including: testing of instructions for changing the framework for a website. Helped the company to set up studio equipment.

**Payless Car Rental, Warwick, RI**

2010

#### ***Customer Service***

- Performed out-going vehicle inspections. Cleaned and detailed the cars.

### PROFESSIONAL AFFILIATIONS & VOLUNTEER

- Game Developer's Network Club- NEIT
- NEIT Global Game Jam
- Video Gamer (RPGs & Shooters)
- American Heart Association- Heart Walk 2009-2012 (Team Captain 2010)
- International Coastal Cleanup participant, Audubon, 2008-09
- Martial Arts (Tai Chi, Karate)
- Catamaran Sailor