ALEX HOLLANDER

Software Engineer

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WORK EXPERIENCE

Skyless Game Studios
Lead Game Programmer

📅 November 2013 – April 2018   📍 Philadelphia, PA

- Designed the architecture for all major projects
- Worked closely with backend developers to create API's
- Engaged in peer programming with less experienced co-ops
- Organized and delegated work to other programmers
- Interfaced with clients to make sure needs were being met
- Developed many internal libraries to ease production

Skyless Game Studios
Programmer

📅 March 2013 – November 2013   📍 Philadelphia, PA

- Worked with another programmer on two major projects in Unity3d
- Took on more work that was required to move projects forward
- Presented work weekly in scrum meetings to the rest of the team
- Communicated with project stakeholders to make sure expectations were met

PROJECTS

Mirrors of Grimaldi
Game AI Programmer

📅 May 2015 – June 2016   📍 Philadelphia, PA

- Developed a modular AI system using utility based decision making
- Worked on all aspects of the game closely with two other programmers
- Wrote custom shaders that utilized stencil shading
- Helped fix bugs and polished gameplay to a releasable state
- Showcased at the Game Developers Conference in San Francisco

RGB
Lead Programmer

📅 May 2015 – June 2016   📍 Philadelphia, PA

- Designed and implemented many shaders from scratch
- Redeveloped and optimized the main mechanic of the game using stencil shaders, dramatically improving performance
- Implemented an AI system which used finite state machines for enemy behaviors

ACCOMPLISHMENTS

🏆 **Mirrors of Grimaldi**
Won 1st place in gameplay at the Intel University Games Showcase, Game Developers Conference
📅 March 2016

📈 **Dean's List**
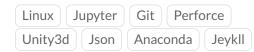Drexel University
📅 March 2016

🧍 **Valedictorian**
Bending Oaks High School
📅 May 2010

TOOLS

Linux   Jupyter   Git   Perforce   Unity3d   Json   Anaconda   Jeykll

LANGUAGES

C#   Python   Java   SQL   R

EDUCATION

B.A. in Computer Science with Concentrations in Game AI and HCI
Drexel University

📅 June 2016   📍 Philadelphia, PA