

# ALEX HOLLANDER

## Software Engineer

✉ [me@alex-hollander.com](mailto:me@alex-hollander.com)

🌐 [alex-hollander.com](http://alex-hollander.com)

🔒 [Ashen-Vaults](#)

☎ 214-490-6703

📍 Philadelphia, PA

## WORK EXPERIENCE

### Skyless Game Studios

#### Lead Game Programmer

📅 November 2013 – April 2018

📍 Philadelphia, PA

- Designed the architecture for all major projects
- Worked closely with back-end 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 game-play 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 1st in Game-Play

📍 Intel University Games Showcase

📅 March 2016



### Dean's List

📍 Drexel University

📅 Fall 2016



### Valedictorian

📍 Bending Oaks High School

📅 May 2010

## TOOLS

Linux

Jupyter

Git

Perforce

Unity3d

Json

Anaconda

Jekyll

## 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