### **Hunter Bobeck**



#### « website designer, game designer, digital artist, computer scientist, philosopher »

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#### **EDUCATION**

#### **Indiana University (Bloomington)**

2015-2019

Zionsville Community High School

2011-2015

- > B. S. in Comp. Sci. Honors & Dean's List [pending]
- > all Game Design courses [pending]
- > Hoosier Games studio
- > TeSPA Collegiate Esports
- » C.S. club, Association of Computing Machinery
- > Academic Honors
- > A.P. Scholar with Distinction
- > I.U.P.U.I Computer Science Day Winner
- > tennis team
- » Mu Alpha Theta, Chess Club, 3-D. Printing Club

#### **ABILITIES**

#### **Talents**

- > Highly organized and readable programs
- » Proficiency in rapidly prototyping ideas; experience with responsive development
- » Excellent math and problem solving skills; tendency toward holistic consideration

#### Languages

- » HTML, CSS, Javascript, HTML5 Canvas
- → Unity (C#) → Java → Racket → Autohotkey

#### **Environments**

- » Sublime and Emmet » GitHub and Travis CI
- > Unity → Codio → DrRacket → Panda 2

#### **PROJECTS**

(most are accessible through <a href="http://HunterBobeck.me">http://HunterBobeck.me</a>)

### HunterBobeck.me Personal Website



**Automated Income** 

**Presentation Website** 

KiddandPlayPhotography.com Client Website



Flash Mob
Generated Text Fantasy Game



**Deviantart**Art Gallery



**AmeerClothing.com** 

**Client Website** 

The Equivalencies
Philosophy Website

NogginBarber.com

**Client Website** 



FELEWIN

#### Neural Network Optimization Research

- > setup a neural network in Python
- > implemented backpropagation
- > tested upon xor logic
- > optimized parameters
- > utilized Python mathematical functions

# Baseball Reporter Article Generator

- > head designer
- > parsed CSV/JSON
- > provided data retrieval methods
- created and presented an examples module to data teams

# Warcraft III Custom Game Mods

- > 8 unique melee maps
- → cinematics with dialogue
- > asset replacements
- > roleplaying adventure
- > various "tug-of-war"s
- > 12 races melee mod