

Alden Higgins

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Work Experience

Treyarch

Summer 2014

Engineering Intern, AI/Animation Team

- Helped develop Black Ops 3
- Collaborated with designers to add desired features to AI toolset related to animations
- Improved usability of animation test level
- Started the development of a new tool to view AI events in-game
- Scripted my own game mode in Treyarch's in-house scripting language
- Added new AI features
- Used Perforce for version control, coded in-engine in C++, developed new tool/functionality in QT5, and got experience sending information across processes with JSON
- Participated in an interview series with members from different teams across the studio and learnt about the challenges and got some high-level overviews of what goes into making a AAA title

The Veloz Group

Summer 2013

Engineering Intern, BeverlyHillsChairs Team

- Worked on formatting and functionality for almost every page on beverlyhillschairs.com alongside four other engineers as well as two designers
- Made use of git version control and programmed in HTML, CSS, and Javascript on the front end as well as PHP and some basic MYSQL queries on the back end

Education

Rice University, 9 Sunset Blvd, Houston, TX

- Graduated May 2015 – B.S. Computer Science – 2.94 Cumulative GPA
- Coursework Highlights: Intro to Computer Game Creation, Principles of Parallel Programming, Principles of Programming Languages, Advanced Object Oriented Programming, Algorithmic Robotics, Mobile and Embedded Systems, How to be a CTO, Advanced Computer Graphics

Jacobs University, Campus Ring 1, 28759 Bremen, Germany

- Fall 2013 Study Abroad
- Coursework Highlights: Graphics and Visualisation, Artificial Intelligence

Personal Projects

Ragnarok – Oculus Rift Tower Defense

- Made in Unity, you can find it on oculus share here: <https://share.oculus.com/app/ragnarok>

Risk Europe – Dota 2 Custom Game

- Multiplayer world domination game, I already have over 17,000 downloads
- Steam page here: <http://steamcommunity.com/sharedfiles/filedetails/?id=465739791&searchtext=risk>