Nathan de Castro

PERSONAL DETAILS

LOCATION: Den Haag, Netherlands   EMAIL: decastronathan@gmail.com   WEBSITE: nathandecastro.com

WORK EXPERIENCE

2017-2018 | **Virtual Reality Consultant / Assistant Game developer**

VRE, London

2014-2017 | **Goldsmiths Tech Society Committee Member**

Hacksmiths, London

EDUCATION

2018 | **Research in Game Development**, High Distinction
UTS, University of Tech Sydney.

Research Topic: An interactive VR application built to inspire further investigations into the challenges of the Visually Impaired.

2017 | **Bachelor of Computer Science**, First Class Honours
Goldsmiths, University of London.

Third year modules: Machine Learning, Advanced Audio-Visual Processing, Game AI Programming, Advanced graphics and animation.

2014 | **BA in Media Music and Sound**, Validated year
Edge Hill University, Ormskirk.

2013 | **French Baccalaureat of Science**, Specialized in Physics
Lycée France Vincent Van Gogh, Netherlands.

PROGRAMMING LANGUAGES

Proficient at: Unity(C#), C/C++, LUA, Java
Knowledge of: PHP, Python, JavaScript, HTML, CSS

SELECTED PROJECTS & GAMES

- **Inkwell** - A Virtual reality application built around sensory deprivation to increase public understanding of the challenges following blindness all while offering an alternative therapy method for people suffering from phobias.

- **DS4 Sampler** - Audio Interface that transforms any game pad into a multipurpose synthesizer made on MAX MSP.

- **Echoli** - A Virtual reality horror game focused on the use of live microphone input data (FFT) to create a uniquely immersive experience.

- **Portable mixing table** - A mobile application meant to be strapped onto one's arm that gives you access to various OSC panels connected to a MAX MSP patch via Bluetooth.

Information about my projects and papers is available on the portfolio section of my website.

ASSETS

- **Languages** - French (Native), English (Fluent), Spanish (Conversant).

- **Multicultural** - Lived in Canada, Singapore, France, Belgium, the Netherlands, Switzerland, the UK and Australia.

- **Passionate** - As an enthusiast gamer, I like to contribute and create add-ons, plugins, sound effects and other small assets for games encouraging this behavior.

- **Social** - As an event organizer, I am used to giving speeches, bringing people together and making them comfortable all while ensuring organization and safety.