

PERSONAL DETAILS

Name Brian Cox Website <http://www.briancox.be>
E-mail brian.cmd@hotmail.com Current location Shanghai, China

EXPERIENCE

UBISOFT SHANGHAI | UI PROGRAMMER

IN COLLABORATION WITH UBISOFT MONTREAL

13TH MARCH 2017 - PRESENT (> 1 YEAR 11 MONTHS) | SHANGHAI, CHINA



Project roles: **UI Programmer on Far Cry: New Dawn (Playstation 4, Xbox One & PC)**
UI Programmer on Far Cry 5: Hours of Darkness (Playstation 4, Xbox One & PC)
UI Programmer on Far Cry 5: Lost on Mars (Playstation 4, Xbox One & PC)
UI Programmer on Far Cry 5 (Playstation 4, Xbox One & PC)

Current position: March 2017 – Present (> 1 year 11 months)

- . UI programming & implementation using C++, XML Databases, Actionscript and Flash
- . Collaboration and technical communication between Shanghai, Montreal, Kiev and Bucharest teams
- . Refactoring core systems to support post-launch content
- . Network synchronized UI for Co-op mode
- . Art & database UI asset management

SHANGHAITECH UNIVERSITY | C# & UNITY LECTURER

1 SEMESTER 2 GROUPS – 32 CLASSES OF 2 HOURS – 2019 - PRESENT | SHANGHAI, CHINA

Teaching **Unity Game Development**.

SHANGHAI VANCOUVER FILM SCHOOL | C# & UNITY LECTURER

2 SEMESTERS 2 GROUPS – 14 CLASSES OF 3 HOURS – 2018 | SHANGHAI, CHINA

Teaching **C# Console Application Programming and Introduction to Unity**.

THE CREATIVE ASSEMBLY – SEGA | CONSOLE UI PROGRAMMER

IN COLLABORATION WITH 343 INDUSTRIES - MICROSOFT GAME STUDIOS

6TH APRIL 2016 - 13TH MARCH 2017 (11 MONTHS) | HORSHAM, UNITED KINGDOM



Project roles: **Console UI Programmer on Halo Wars 2 (Xbox One & Windows 10)**
Console UI Programmer on Halo Wars 2: Awakening The Nightmare (Xbox One & Win 10)

April 2016 – March 2017 (11 months)

- . Implemented UI features using C++, Actionscript 3.0 and in-house graphical flow editor
- . Data-driven development methodologies (XML data)
- . Network synchronized UI for Co-op and Multiplayer
- . UI serialization support to communicate with backend and underlying engine infrastructure
- . Player statistics UI visualization
- . Integrated UI art and code linking

RARE LTD - MICROSOFT GAME STUDIOS | GAMEPLAY & UI SOFTWARE ENGINEER II

16TH DECEMBER 2013 - 5TH APRIL 2016 (2 YEARS 3 MONTHS) | TWYXCROSS, UNITED KINGDOM

Project role: **Gameplay Programmer on Sea of Thieves (Xbox One & Windows 10)**

July 2014 – January 2015 | September 2015 – April 2016 (1 year 1 month)

- . Gameplay prototyping & implementation



Project role: **Main UI Programmer on Rare Replay (Xbox One)**

January 2015 – September 2015 (8 months)

- . Made the global UI functional using C++, Actionscript 3.0 and Adobe Flash
- . Implemented a UI navigation system using event-driven code
- . Supported and collaborated with external partner Sprung studios doing UI flash integration
- . Collaborated with the designers and lead artist on Rare Replay to ensure quality in all aspects of the game
- . Took a lead & played a key role in the development of the UI within Rare Replay

Project role: **UI & Game Flow Engineer on Kinect Sports Rivals (Xbox One)**

16th December 2013 – July 2014 (7 months)

- . Implemented UI & gameflow improvements and features
- . Telemetry & UI support for KSR & KSR Demo
- . Created automated tests to test new features, UI screenflow and game logic

TRIUMPH STUDIOS | C++ GAMEPLAY / UI PROGRAMMER

12TH FEBRUARY 2013 - 13TH DECEMBER 2013 (10 MONTHS) | DELFT, THE NETHERLANDS

Project role: **C++ Gameplay / UI Programmer on Age of Wonders III**

15th July 2013 – 13th December 2013 (5 months)

- . Improved the Quest system to generate procedural content based on user-defined settings
- . Improved or implemented code for many core gameplay features
- . UI programming & optimization



Project role: **C++ Gameplay / UI Programmer Intern on Age of Wonders III**

12th February 2013 – 12th July 2013 (5 months)

- . Created a UI management system to avoid overlapping screens
- . Created an entire Quest system including UI support and gameplay code
- . Added functionality in LevelEditor to support user-created content for the Quest system

STUDENT JOBS

2011, 2012 & 2013

Student job as a college teacher (6 lectures / year) | C++ / 3D / Preproduction | Digital Arts & Entertainment

2009

Intern / Student job at Wondergraphs (5 months) | UI Graphic Designer / Flash Animator / ActionScript coder

EDUCATION

2010-2013

Digital Arts & Entertainment | Howest Kortrijk | Professional Bachelor Degree | Graduated with Honors

2009

Erasmus Exchange student at TAMK (5 months) | Interactive Media Program | Tampere, Finland

2006-2010

Communication & Multimedia design | Media & Design Academy KHLIM Genk | Academic Master Degree

SKILLS

LANGUAGES

English	Professional
Dutch	Native language
French	Average

CODING & GAME DEVELOPMENT SOFTWARE KNOWLEDGE

Coding languages	C++ C#
Coding software	Microsoft Visual Studio MonoDevelop
Game engines	Unity Unreal Engine 4 XNA
Multimedia coding	ActionScript 3.0 CSS xHTML

GRAPHIC DESIGN SOFTWARE KNOWLEDGE

2D Graphics	Adobe Photoshop, Adobe Illustrator
3D Graphics	3D Studio Max

HOBBIES AND INTERESTS

Game development: programming & graphic design (3D and 2D)
Video games: eSports, indie game development & game conferences

NOTABLE ACHIEVEMENTS

- Exhibited several personal games at game events such as CheckPoint and WePlay.
- Setup the game development competition for Search for a Star 2017 & 2018
- Received the title of 'Top 30 under 30 2017' by Develop.
- Created a videogame application which enables people to play using eyetracking technology.
- Passed the 3ds Max 2014 Certified Professional Exam with a score of 91%.
- Received the award 'DAE Top Ace' for being the best overall DAE student of 2013 by Howest University
- Achieved 2nd place with my team in the Brains Eden game jam competition out of 31 teams.
- Graduated with honors and received a score of 90% for my internship at Triumph Studios.
- Obtained the title 'Autodesk Student Expert' for teaching Autodesk 3ds Max in a summer program.