

# EUAN CAMPBELL

A First-Class Computer Science Graduate

An enthusiastic graduate with a hard working persona looking to expand upon and develop a growing skill set in an evolving industry. With a keen interest in developing practical and usable solutions to ambitious projects, I relish the opportunity to tackle new challenges surrounding software development and equivalent fields. Through learning new techniques and approaches I feel I would be an asset to any project I undertake.

## RELEVANT EXPERIENCE

### Tutor/Proctor, Coventry University / SEP 2016 – JAN 2018

Having been approached by my course director, I helped first year Computer Science students in their classes in my second year of university and again in my third. Dedicating up to four hours each week, I worked with 30-40 students to help with their group projects involving robotics and programming.

*Skills – Verbal Communication*

### Agile Development Team / SEP 2017 – DEC 2017

Working as a team of nine as part of a university module, we spent eleven weeks developing a tool for the coordination of a specialist teaching room aimed at further developing student skills. Dividing into sub-teams, we took a faculty issue and produced a web application as a functional solution, using agile techniques as appropriate including Kanban boards and user story mapping.

*Skills – Management, Patience, Leadership*

### Guangzhou University / APR 2017

As part of a coalition between Coventry University and the Guangzhou University of Foreign Studies, I was part of a two week visit to experience both the culture of China and engage with their students studying computer science. A project was conducted in groups, of which ours was voted best by a panel of ambassadors from both our university and theirs. Called 'Tenyuan', our submission laid the groundworks for an internationally available website allowing for teaching materials to be universally available to students.

*Skills – Teamwork, Group Collaboration*

## EDUCATION

### Computer Science BSc, Coventry University / SEP 2015 – JUL 2018

First-Class Honours

Algorithms and Data Structures  
Logic and Sets  
Theoretical Aspects of CS  
Designing for Usability  
Architecture and Networks

Web API Development  
Microsoft .NET Framework  
Agile Development  
Operating Systems and Networks  
Software Engineering


With a focus on practical applications in industry, commerce, research and everyday life, students study a combination of theory and practice in traditional areas of computer science, including programming and algorithms, computer architecture, networking, system design and implementation. We also look into some of the new and exciting areas of development in this ever-changing field, such as machine learning, artificial intelligence, data science techniques, mobile app development and cryptography in software security.


### Trinity School Belvedere / SEP 2008 – JUL 2015


A Level's: Extended Project (A\*), Product Design (B), Computing (C), ICT (C)  
GCSE's: 12 A\*-C

## PERSONAL INFO


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 07 / 12 / 1996

## PORTFOLIO

 euancampbell.me.uk

 linkedin.com/in/euancampbell

 github.com/euancampbell

## TECHNICAL SKILLS

**Technical** (Most - Least Proficient)

Python · HTML/CSS · JavaScript · PHP · Java

**Software Experience**

- Git
- SketchUp
- Visual Studio
- Adobe Illustrator / Photoshop
  - CAD and Laser Cutter
  - Template Design
- Cloud9 / c9.io
- Microsoft Office
- Windows / Linux Ubuntu / macOS
- Android Studio

## HONORS & AWARDS

Ingleton Wood Award for Design

# PROJECTS

## Pathfinding Algorithm

[github.com/euanacampbell/Pathfinding-Algorithm](https://github.com/euanacampbell/Pathfinding-Algorithm)

Starting as a side-track from a university group project and later being used for a dissertation, this pathfinding algorithm uses techniques from Dijkstra's Algorithm and A-Star as a method for determining a route. Results are promising, showing improvements particularly in efficiency.

## Product Design

Having skills in woodworking stemming from projects in school, two separate products were made for clients using a specific specification to design and create bespoke furniture. The result was two industry-standard bespoke tables that suited their needs perfectly.

## Personal Portfolio

[euanacampbell.me.uk](http://euanacampbell.me.uk)

Using skills learnt in a Web API module, the website exists as a portfolio for past experience and projects, utilising AWS S3 web services for hosting. It is always being constantly changed and improved.

## The Octopia Group / APR 2012 – JAN 2016

This non-profit organisation created and hosted servers for a popular online multiplayer computer game. My main roles included Staff Management, organising the 5-6 staff we had at any given time and dealing with any concerns. An estimated 2000-3000 users engaged our service.

# OTHER EXPERIENCE

## Sales Assistant, Clarks / Jun 2016 – Sep 2017

Working during the holidays in a high-pace sales environment on the shop floor of a flagship store, communication was key to engaging customers of a variety of ages. I took on roles in various areas of the shop in order to improve sales and ease the running of tasks. Meeting personal targets for sales provided some challenge to the role, despite teamwork being at the core.

*Skills – Flexibility, Motivation*

## Event Staff, Brightsparks / May 2016 – Jun 2016

As a dependable member of a well-organised team, ensuring that events ran in the manner expected, I worked in locations including Wembley stadium. Business conferences were common, providing professional care for a variety of clients, with their needs as a top priority.

*Skills – Interpersonal, Learning*

## Sales Assistant, Entertainment City / JUN – SEP 2014

Working with a team of 10 employees both buying and selling a variety of electronic products in a high street store. With customer service being key, communication was a skill I was able to develop in this position while also being involved in areas such as stock control and store design. A strong knowledge of technological was gained through being constantly surrounded by various devices.

*Skills – Customer Service, Negotiation*

## Experience, DWF IT Department / MAR 2014

Learning particularly about how IT can be used within a large business, the weeks mentoring showed me system maintenance and control. I saw the importance of an effective IT team within an organisation, as well as how it integrated into other offices within the UK.

*Skills – Written Communication, Learning*

# ADDITIONAL

## Hockey Team Captain

Having played continuously and being involved in club events, hockey has been a recreational hobby for some time. Alongside playing, I have also been involved in the coaching of younger players, taking charge of a school hockey club for two years and arranging groups of 70+ into small matches when several primary schools met together.

More recently I took on the role as Team Captain at university, putting me in charge of ~20 players. Each week training had to be organised, as well as maintaining a team that could play each week. Any issues or problems were dealt with me, however working closely with other older members of the club enabled me to learn throughout.

*Skills – Confidence, Leadership, Decision Making*

## Debating Society

As the 'Inclusion Officer' for the society in my second and third year of university, I encouraged new members and helped with the general running week-by-week. Several competitions were organised, one on the digital privacy of UK citizens against Wolverhampton University.

*Skills – Professionalism, Organisation*

## Tanzania 2011/2013

On two occasions I travelled to Tanzania, on the east coast of Africa, to support teaching English in a primary school in the capital of Dodoma. Performing assemblies in front of 1000 students outside, playing sport and classroom teaching was involved to offer a fun and intuitive way of teaching various skills to students with minimal English speaking skills. The personal development achieved in me through the observing of the local culture very much changed my outlook in certain situations.

## References

References are available upon request