


# Adam Carter

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## Summary

- \* | Multiple award winning Engineer, Businessman and Leader | \*
- \* | Royal Holloway Engineering Scholar and Student Representative | \*
- \* | IET young ambassador and Intel Inspire Lead | \*


Developing engineer specialising in IOT solutions. Experience with game design, UI/UX design and web development both as an engineer and as a project lead.


- 5+ years experience in IOT development.
- 6+ years experience in engineering leadership.
- 2+ years experience in game development.
- 6+ years experience in general engineering solutions.


Skilled in a range of Project Management Methodologies and Project Management tools with an interest in building inclusive frameworks.

Passionate about changing the world through technology.

## Experience

 **IOT Technical Intern**  
Intel Corporation  
Jul 2021 - Present (1 year 1 month +)

 **Intel Futuregen**  
Intel Corporation  
Dec 2021 - Present (8 months +)

 **Owner & Founder**  
PC Genius  
Oct 2016 - Present (5 years 10 months +)  
Founder and current owner of PC Genius.

We build custom pre-owned PCs that provide excellent value. We source unwanted PC hardware and modify it to suit the customer. This is a unique business model and it provides us with a platform to grow and stand out.

We are currently partnered with Western Digital, Cable Mod, Seagate, Cooler Master and MSI.

We have achieved Silver partnership status with Western Digital and we work as an Intel Technology Provider.



### **Tech Tutor**

FunTech

Jun 2020 - Jun 2021 (1 year 1 month)



### **Student Ambassador**

Royal Holloway, University of London

Sep 2019 - Jan 2021 (1 year 5 months)

Student ambassador for the Electronic Engineering department and for the Royal Holloway Student ambassador program.



### **Internship Experience UK - Technology**

Bright Network

Jun 2020 - Jul 2020 (2 months)



### **Brand Manager**

KPMG

Aug 2019 - Jul 2020 (1 year)

Student Brand Manager representing KPMG at Royal Holloway, University Of London.



### **Digital Content Manager**

Radiant Esports LTD

Oct 2018 - Jun 2020 (1 year 9 months)

Managing digital content production, publication and marketing for Radiant Esports part time.



### **Referee**

The Football Association

Feb 2014 - Jan 2020 (6 years)



### **Assistant Manager**

Costa Coffee

Jan 2019 - Aug 2019 (8 months)



### **Sales Assistant**

Superdry

Mar 2018 - Aug 2018 (6 months)



### **Sales Assistant**

Marks and Spencer

Jun 2017 - May 2018 (1 year)

I work at M&S as part of the sales team. It has enhanced my interpersonal skills and has helped me to develop the necessary teamwork skills for retail. The extended position has helped me to develop as a leader, as I have been tasked with helping new employees.

As I progress with my part-time work, opportunities to display my management skills have been presented. This has helped me to improve my personal development further and lays down the foundations for a successful career in management (potentially) in an engineering role.

## **Manager Training**

BMW Manufacturing Co., LLC

Jan 2018 - Jan 2018 (1 month)

Training to be a manager - managing small teams. involved in TO-4 product and process change induction training and testing.

I was also in charge of overseeing and managing the red-card, electrical and electronic safety and driver awareness courses.

## **Intern**

BlackBerry

Jun 2017 - Jul 2017 (2 months)

I was lucky enough to get invited to partake in a Blackberry internship over the summer of 2017. I worked closely with all the sales team and closed several deals. I gave a presentation to the PMs and CIO at the British transport police and filmed a BBME instructional video with the Norfolk police.

## **Deliveroo Driver**

Deliveroo

Jan 2015 - Jun 2017 (2 years 6 months)

I had a part-time job working as a Deliveroo driver. As a driver I was Self-employed and free to work to my own availability. This job had a lot of flexibility and worked well in accompany with other jobs.

## **Freelance Web Designer**

Fiverr

Dec 2016 - May 2017 (6 months)

I did some freelancing work for several people designing websites and various other forms of content.

## **Step-Up Sports Coach**

Step-Up Foundation

Jul 2016 - Aug 2016 (2 months)

This is one of my previous jobs. I worked as a coach for Step Up Sports Coaching - StepUp Sports Coaching is the trading name of StepUp Foundation, a not-for-profit social enterprise that uses sport to improve the lives of disadvantaged and disabled young people.

All profits from our sports coaching activities are diverted to our charitable projects.

<http://stepupfoundation.org.uk/> - Click the link for further information on what we do.

## **Work Experience**

O2 (Telefónica UK)

Nov 2015 - Nov 2015 (1 month)

Duration: One Week.

Team(s): eComm, The Lab, Environments, Priority, MyO2, Product and Online Change



## Work Experience

BAE Systems Digital Intelligence

Sep 2015 - Sep 2015 (1 month)

## Education



### Royal Holloway, University of London

MEng & CEng, Electronic Engineering

2018 - 2023

Unconditional Acceptance to Royal Holloway University with an engineering excellence scholarship awarded from the principal.



### UTC Reading

A-levels, Level 3 Extended Diploma in Engineering & Computer Science

2016 - 2018



### Ranelagh

GCSE , GCSE

2011 - 2016



### WORLD CLASS SCHOOLS QUALITY MARK

Jan 2017 - Sep 2018

## Licenses & Certifications



**MOS - Microsoft Word 2016** - Microsoft



**MOS - Microsoft Powerpoint 2016** - Microsoft



**MTA: Networking Fundamentals** - Microsoft



**MTA: Windows Operating System Fundamentals** - Microsoft



**WD Silver Partner** - Western Digital

Issued Oct 2016 - Expires Dec 2017



**Intel Technology Partner Program** - Intel Corporation

 **MSI Partner** - MSI Computer Corp. (MSI USA)

 **Cooler Master Partner**

 **Nvidia Accelerated Computing Technical Training (2017)** - NVIDIA

 **Twitch Affiliate** - Twitch

 **Intel - Cloud Fundamentals** - Intel Corporation

 **Automate the Boring Stuff with Python Programming** - Udemy

## Skills


Information Technology • Engineering • Team Leadership • Project Management • Systems Engineering • Team Management • Software Development • Programming • Business Analysis • Program Development

## Honors & Awards

 **Duke Of Edinburgh - Bronze, Silver & Gold Award** - Bracknell Forest Council  
Aug 2017

 **Chief Scout's Bronze, Silver and Gold Award** - 2nd and 3rd Sandhurst Scouts  
Sep 2012

 **Fujitsu & Intel Education Ambassador** - Fujitsu  
Jul 2017

 **Young Engineers Of Britain Winner** - YEB Mentoring  
Apr 2017  
I won an award for Innovation and Craftsmanship at the NEC with the Young Engineers of Britain

 **Head Boy/President at UTC** - UTC  
Jul 2017

 **Scouts Young Leader** - 1st Sandhurst Scouts  
Jan 2016

 **UTC World Class School - World class student ambassador & leader** - UTC & World Class Schools  
Sep 2017



### **Rights Respecting Schools Representative - Ranelagh**

Aug 2015



### **Duke of York - Gold - James Cody (AWE)**

Feb 2018

Duke of York gold award.



### **Mentored by AWE (James Cody) - AWE & UTC Reading**

Oct 2017

I am currently being mentored by a chartered engineer from AWE (James Cody) in addition to working towards my Gold Duke of York



### **Baker Dearing Trust - Case Study & Spokesperson - Baker Dearing Trust - Anna Ribenfors**

Nov 2016

"Adam Carter: Adam's passion for engineering has reached new levels since he joined UTC Reading last September. Entering the first year of his A Levels, Adam was planning on studying business, computer science and product design but, after talking to teachers and discussing his options, he swapped his product design course for double engineering. He was hooked and it didn't take long for him to switch again, this time to triple engineering.

Fully committing himself to the subject he loves has set Adam on track for success and he's already making a name for himself in the world of engineering, beating off thousands of talented individuals in the Young Engineer of Britain competition. His idea for a durable smartphone with interchangeable components was singled out at the Big Bang Fair this year and Adam was presented with the Young Engineers Award for Craftsmanship.

Studying at a UTC: The longer school day which UTCs operate hasn't been an issue for Adam and although he now has to travel further to school, for him it is more than worth it.

"The atmosphere at UTC Reading is completely different to my previous schools. It's a business like environment; students and staff are equals, and that contributes massively to the style of learning. I enjoy the freedom that we are given and the fact we are trusted not to abuse that freedom."

And it's not just within the UTC that Adam feels he's being prepared for the real world of work. The links with industry have given him the chance to make connections and network as well as providing the opportunity to get involved in both individual and group challenges.

Looking to the future: Adam's not sure exactly which direction he'll take once he finishes his A Levels but there's no doubt it will involve engineering in some capacity. He's aiming for university and looking into sponsored degrees via engineering companies."



### **Fujitsu Operation Innovation - Award Winner - Fujitsu**

Nov 2017

Fujitsu operation innovation 2nd place award.



**Electronic Engineering Excellence Scholarship - Royal Holloway**

Feb 2019

Paul and Pamela Layzell Engineering Excellence Scholarship.



**Industrial Cadet - Gold - Royal Electrical and Mechanical Engineers**

Jan 2018

Competed in the Craftsman Cup challenge 2018 - Finished 2nd and graduated as an industrial cadet at gold level. Awarded by REME (Royal Electrical and Mechanical Engineers) and inspired by His Royal Highness, The Prince of Wales.



**United Airlines Scholarship Fund - United Airlines**

Aug 2019

United Airlines Scholarship - UK/US United Airlines Scholarship Fund 2019/20