

Erik Barrow

Computer Scientist



// Profile

Name

Erik Barrow

Date of Birth

19th August 1992

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Available

October 2017

// Social



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// Experience

2014-2017 Coventry University Assistant Lecturer

Over the period of my PhD I have worked as the equivalent of an Assistant Lecturer for Coventry University for up to 6 hours a week. My role involved me in teaching first year programming and activity led learning labs/tutorials, and marking student work.

2012-2017 Coventry University Student Advocate

Since part way through my first year at Coventry University I have been a Student Advocate. As a student advocate I have helped the University with a multitude of tasks from helping run open days and other events, to assisting the marketing department.

2012-2014 Coventry University Student Proctor

During my Second and Third years of my Undergraduate degree I worked as a Student Proctor. As a student proctor I assisted staff in lab sessions for first year programming.

// Education

2014-2017 Doctor of Philosophy Coventry University

2011-2014 Computer Science (BSc) Coventry University

2003-2011 A-Levels / GCSE Hugh Christie Technology College

A-Levels: ICT, Computing, Diploma for IT Professionals (iPro), Product Design
GCSE: Maths, Science, English Language, English Literature, Electronics, ICT, History

2008-2011 Open University

TU120 - Beyond Google: working with information online

T155 - Linux: an introduction

TM128 - Microsoft server technologies

// Publications

2016 **Selective Dropout for Deep Neural Networks** E Barrow, M Eastwood, C Jayne Neural Information Processing 9949, 519-528

2015 **Deep Dropout Artificial Neural Networks for Recognising Digits and Characters in Natural Images** E Barrow, C Jayne, M Eastwood Neural Information Processing 9492, 29-37

// Skills

Professional Skills

Programming ●●●●●
Research ●●●●●
Neural Networks ●●●●●
Web Development ●●●●●

Personal Skills

Organisation ●●●●●
Communication ●●●●●
Teamwork ●●●●●
Problem Solving ●●●●●

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// About Me

I am computer programmer at heart and have a great interest in artificial intelligence and new technology. I have had an interest in Computer Science since a young age thanks to growing up in a technological family.

I am currently based in Coventry for my Post Graduate degree studies, but have a more permanent base in Edenbridge, Kent. When I am not at university I enjoy taking part in a number of interests and hobbies that you can find in the section on the right.

I enjoy travelling the world and seeing new places, usually though research conferences or my ties to scouting.

Clubs / Societies

Anime And Manga
Salsa Dancing
Computer Club

Organisations

1. British Computing Society
2. Asia Pacific NN Society
3. IEEE - Computational Intelligence Society

Volunteering

World Scout Jamboree 2015
World Scout Jamboree 2011
Kent Youth County Council
CUCC Hackathon Organiser
Scout Leader

President of:

Anime & Manga Society
Salsa Dancing Society
Coventry BCS Student Chapter

// Awards / Accomplishments

- 2012** **Summited Mt Kilimanjaro**
- 2015** **Summited Mt Fuji**
- 2017** **Best CEM Presentation**
Coventry University
- 2014** **Explorer Belt**
Scout Association

// Professional Statement

Computer Science Graduate and PhD Student skilled in computer programming and artificial intelligence with a First Class Bachelors degree. I have multiple conference publications and am capable of working in a team with proven leadership skills. I am hard-working, organised, and an independent learner, who is determined to seek the best possible and most appropriate solution to a given problem.

// Hobbies

I have a variety interests and hobbies that I enjoy partaking in during my free time. One of my biggest hobbies is Scouting, and I have been a part of the scout movement since the age of 6. Scouts has given me a wide range of life skills and has enabled be to travel to different parts of the world and to take on new challenges.

I also have a big interest in Japan and its culture. Especially in Anime, where I have taken part in and helped run my university's Anime and Manga society. I have had the privilege of visiting Japan twice so far in my lifetime. I also took part in and ran another society at my university for Salsa dancing. I enjoy the social aspect of Salsa Dancing and getting to learn new dance moves and tricks.

Another Hobby of mine is being a YouTuber. I record and make videos for my YouTube channel "HyperTora", where I unbox and review subscription boxes from around the world.



// Testimonials

I've worked with Erik for over two years, finding him to be professional and passionate in both his teaching and research. The events he's organised, that I have attended, have been highly professional and a credit to his organisational skills and initiative. It's been my pleasure to work with him, in my opinion he's been a real asset to the university, and I have no hesitation in making a strong recommendation for him.

Simon Billings - Coventry University

Over the last 5 years that I have known Erik Barrow he has proved to be one of the most diligent and supportive student advocates that I have had the pleasure to work with. No task or request is too much trouble and they are always carried out perfectly first time without need for further support or correction. I am sure that whatever field Erik decides to work in he will be a huge asset to that company.

Ian Bowker - Coventry University