

# ANDREW SIMPSON

## Mixed bag of IT Pro & Software Engineering

✉ me@andrewsimpson.dev    📍 England, UK    🌐 asimpson.net | andrewsimpson.dev  
📄 linkedin.com/in/andysimmo    📄 github.com/andysimmo

🐦 @andysimmo



## EXPERIENCE

### Pre-Registration Clinical Scientist

#### South Tees Hospitals NHS Foundation Trust

📅 November 2019 - Ongoing    📍 Middlesbrough

Taking the next step in my career by starting a new role as a Pre-Registration Clinical Scientist in the Clinical Measurement section of Medical Physics, working towards HCPC Clinical Scientist registration.

### Clinical Computing Technologist

#### South Tees Hospitals NHS Foundation Trust

📅 March 2014 - November 2019    📍 Middlesbrough

From IT Service Management and IT Infrastructure to Software Engineering, I lead and participate in a wide variety of Computing Projects within the Medical Physics Department. I've created several C#/ASP.Net MVVM ER Systems, managed highly-available safety-critical clinical systems, improved the IT service delivery for Radiotherapy and architected new IT infrastructure.

### Visiting Lecturer

#### Teesside University

📅 October 2018 - March 2019    📍 Middlesbrough

Taught students from the School of Computing

### ICT Services Officer (Infrastructure)

#### Cleveland Fire Brigade

📅 November 2012 - March 2014    📍 Middlesbrough

3rd Line support for emergency systems, critical and non-critical IT infrastructure. Participating in the 24/7 on-call rota. Delivered successful projects such as Web-Proxy Migration, WiFi Deployment, 999 infrastructure upgrades

### ICT Network Technician

#### St Patrick's Catholic College

📅 August 2011 - November 2012    📍 Thornaby-on-Tees

From server infrastructure to desktop support and to network security, I was involved in solving the challenging issues in educational IT.

### IT Engineer

#### Odyssey Systems Ltd

📅 June 2011 - August 2012    📍 Stockton-on-Tees

IT Engineer responsible for maintain commercial customers connectivity, after graduating from university.

### ICT Technician (University Placement)

#### St Patrick's Catholic College

## EDUCATION

### MSc (Research) Computer Science

#### University of York

📅 April 2018 - May 2020

Currently Supervised by Dr Paul Cairns, I am studying part time for a MSc. My research focus is within Human Computer Interaction.

### BSc (Hons) Computing & Networks

#### Teesside University

📅 Sept 2007 - May 2011

## STRENGTHS

C#    Entity Framework    SQL    etc

IT Infrastructure    Windows

Storage & Networking

Research    UX    HCI

## ACHIEVEMENTS

📄 **Chair of BCS Teesside**  
From October 2017

🏆 **Pink Elephant Award**  
Awarded at ExpoTees 2011 by Pink Elephant, for the best use of ITSM in a final year project

📅 August 2009 – September 2010    📍 Thornaby-on-Tees

University Industrial Year Placement Student providing 1st Line Support.

## PUBLICATIONS

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### Journal Articles

- C. Kemp, A. Simpson (2018). "Custom-built electronic referral system for home oximetry studies". In: *Abstracts of the 24th Congress of the European Sleep Research Society 27 (S1)*, p. 137.

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### Conference Proceedings

- A.Simpson (2017). "A bespoke home oximetry e-referral system". In: *IPEM Annual Clinical & Scientific Computing Symposium 2017*.

## REFEREES

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Available on request