

Contact

www.linkedin.com/in/christopher-howells-6655a976 (LinkedIn)

Top Skills

Computer Simulations

Technical Writing

Scientific Analysis

Christopher Howells

Radio Physicist / Consultant
United Kingdom

Experience

Janes

Contributor

September 2024 - Present (10 months)

Analysis of future material for military engineering and civil defense.

Study of brigade level and down tactical communication systems.

Wide scope analysis of Chinese UAVs in both the military and civil space and with deep analysis of particular specialized platforms.

Black Sea Associates

Intel Associate Team Leader

November 2023 - Present (1 year 8 months)

United Kingdom

Various Companies

Analyst (Defence sector)

April 2022 - October 2022 (7 months)

Corrected methods of marking mines and unexploded ordnance in order to prevent casualties among civilians and Explosive Ordnance Disposal (EOD) teams.

Analysed classified documents for scientific accuracy.

Compiled and analysed signals intelligence and related data.

Maintained secure databases.

Self-employed

Machinist

June 2017 - May 2022 (5 years)

Operated and maintained lathe and milling machines.

Reviewed engineering drawings, instructions, blueprints, and samples to ensure accurate production and rapid prototyping.

Monitored production in a small-scale shop, adjusting feed and other settings as needed.

Maintained inventory.

Checked output for quality assurance, documenting or discarding defects.

Self-employed

Pest Control Specialist

October 2016 - March 2020 (3 years 6 months)

Removed rats, crows, and pigeons to protect vulnerable birthing sheep, ensure sanitation standards of cereal crops and food supply chain integrity.

Aberystwyth University

Workshop Tutor

September 2017 - May 2018 (9 months)

Taught safe workshop practice for secondary school students.

Assisted in development of Robot Wars submission.

Provided assistance to students in microcontroller programming for Arduino.

UK Ministry of Defence

Cadet Instructor

2017 - 2018 (1 year)

Delivered cadet curriculum on topics including fieldcraft, first aid, and drill.

Instructed cadets on firearms safety and marksmanship training as a Range Safety Officer.

Self-employed

TEFL English Tutor

2014 - 2016 (2 years)

Helped students in Kazakhstan to prepare for ILTES exam by teaching via Skype.

Developed lesson plans and teaching materials.

Helped students improve listening, reading, and speaking skills in individual and group sessions.

Assessed students' work, providing individual feedback.

British Heart Foundation

Volunteer Shop Assistant

2012 - 2016 (4 years)

Managed till and provided front-line customer service.

Sorted and cleaned merchandise.

Delivered occasional WWII "souvenirs" to police for ordnance disposal.

Self-employed

Computer Repair and Data Recovery Specialist

2014 - 2015 (1 year)

Scanned and removed computer viruses, rootkits, and other malware.
Performed general hardware and software repair.
Recovered data from hard drives suffering from malware or physical damage.
Imaged and deployed devices.

Gareth Pugh Steel Framed Buildings

IT Administrator & Programmer

February 2013 - October 2013 (9 months)

Implemented enterprise automated data backup to RAID array machine.
Maintained optimal network performance.
Monitored system for threats.
Provided end-user support and troubleshooting.
Trained employees on using the enterprise's computer system.
Installed new network infrastructure.
Implemented automated backup data storage of company data across all computers to RAID array machines.

Welshpool Computer Repairs

Computer Repair Technician

2009 - 2013 (4 years)

Scanned and removed computer viruses, rootkits, and other malware.
Performed general hardware and software repair.
Recovered data from hard drives suffering from malware or physical damage.
Imaged and deployed devices.
Trained end-users to use software packages such as Microsoft Office.
Consulted and assisted Welshpool Council with deployment of electronic tourist information boards.

Rubber Casting

Systems Administrator & Fabrication Floor Assistant

2009 - 2009 (less than a year)

Improved business network infrastructure.
Assisted in casting of large formations of rubber using precursor chemicals.

Education

Aberystwyth University

Bachelor's degree, Physics · (September 2016 - August 2022)