JACK EDGE

Research Paramedic

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WHO AM I?

Data enthusiast. In the final year of my MSc completing a systematic review in Python and LaTeX. Back after two years on a remote coral atoll, building data pipelines and teaching IT literacy on a refugee project. Keen to deepen my statistical-modelling skills, gain experience in UK research and — true to my paramedic roots — help turn data into evidence-based improvements in pre-hospital care.

Skills: Resuscitation, Python, Excel, Cycling, Photography, LaTeX

EXPERIENCE

3/2023 – 11/2024
Advanced Life Support Paramedic Response-Med, Diego Garcia, BIOT
For two years I provided 24/7 critical and primary care to a remote community of Tamil refugees, working in a multidisciplinary team while handling highly sensitive records in real time. Seeing that no data were being captured, I designed and ran a Microsoft 365 patient-record system and an Excel disease-surveillance database—robust enough for austere conditions yet simple for non-technical colleagues. Each week I extracted, cleaned and analysed clinical and operational data in Python, R and Excel, producing concise reports that guided local decisions and informed international partners; a UNHCR briefing drawn from this work was later cited by the BBC. I set up rapid-reporting workflows for ad-hoc requests, helped write SOPs, and introduced a 24-hour rota to protect documentation quality and service continuity. Day-to-day duties included strict infection-control, equipment checks, and inventory management to keep the clinic mission-ready, all while delivering culturally sensitive care and mental-health first aid to a population shaped by trauma.

`Python / Microsoft 365 / Remote Medicine`

5/2021 – Now *part time*
Emergency Care Paramedic Kingston ED Resus, London, UK
Lead role in a busy resuscitation area, bridging the gap between ambulance crews and critical care teams. Translating pre-hospital handovers into clear in-hospital care plans. Immersed in a new clinical environment—with complex patients, unfamiliar equipment and strict documentation standards—I actively seek feedback, learn rapidly and share what I learn with colleagues. I stay calm under pressure while co-ordinating multidisciplinary responses, double-checking drug calculations and device settings, and ensuring every detail is logged accurately in NHS electronic records.

`Collaboration / Detail / Emergency Department`

3/2016 – 2/2024 *part time*
Paramedic London Ambulance Service, pan-London, UK
Responded across London—solo and with a crewmate—to critical medical and trauma calls, delivering first-on-scene interventions and safe transfers. The work sharpened calm, patient-first communication in every setting and required ePCRs completed to audit standard before shift close. I mentored new clinicians in advanced triage, rapid decision-making and evidence-based care—embodying EAAA's "Together we save lives" spirit. One incident (bus-vs-pedestrian on Oxford Street) earned me an Excellence Report, praising my scene leadership, assertive yet respectful communication, and creation of a calm working environment under intense public scrutiny.

`Resuscitation / Mentorship / Pre-Hospital Care`

EDUCATION

2024 – Now
Master's Degree
Emergency & Resuscitation Medicine
Queen Mary, University of London
"Does motivation matter? A systematic review and meta-analysis of outcomes following intentional foreign object ingestion". For a peer-reviewed journal.

2020 – 2022
Graduate Diploma
Emergency & Resuscitation Medicine
Queen Mary, University of london
Distinction

2007 – 2013
Foundation Degree
Paramedic Science
St George's, University of London
Merit

DATA

Microsoft	Azure Fundamentals (AZ-900)
Google	IT Support Professional Certification
IBM	Introduction to Data Engineering
	Python for Data Science, AI & Development
Harvard	CS50x Introduction to Computer Science (ongoing)

CLINICAL

AHA	PALS Provider ACLS Provider
UKRC	ALS
OPITO	BOSIET

MEMBERSHIPS

HCPC	UK Registered Paramedic (PA40515)
DVLA	A, B, C1 Licences
IAM	Institute of Advanced Motorists (51320581)
MCPara	Member College of Paramedics (CP008451)

LANGUAGES

English - native
German - proficient
Spanish - rudimentary

HOBBIES

I love wildlife and portrait - capturing biology in motion. Bicycles, cycling, computers, tech, lifting weight and meditation too.

NON PROFIT

I've volunteered in Calais' "Jungle" refugee camp, completed charity bike rides and a high-rise zip-line, and travelled to Malawi to help build a remote school.