





Michael Bubb

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I am transitioning from a 15-year career in software engineering to healthcare, driven by my passion for patient care and hands-on medical experience. Since 2018, I have been serving as a weekend EMT, and last year I began a Paramedic program that I expect to complete by the end of 2024. In parallel, I am working on accumulating the prerequisites for nursing programs to further expand my medical knowledge and skills.

As a paramedic student, I have completed approximately 500 hours of in-hospital clinical experience, primarily in the emergency room at Jersey City Medical Center. During this time, I've developed skills in administering IVs, drawing blood, conducting ECGs, and dispensing medications. I have collaborated closely with nurses and doctors to provide patient care, and have been learning invaluable lessons about teamwork, patient communication, and medical procedures.

My clinical rotations have allowed me to assist in the trauma bay, CT room, and X-ray department, where I have gained exposure to critical care settings. These experiences have given me deep respect for the essential role that nurses and **Patient Care Technicians (PCTs)** play in providing patient-centered care. At RWJ Barnabas hospitals, I've witnessed firsthand the impact of a collaborative, compassionate approach to healthcare, and it has further inspired me to join the field in a more comprehensive capacity.

I am eager to bring my skills, dedication, and evolving knowledge to a **Patient Care Technician** position, where I can contribute to high-quality patient care while continuing to grow as a healthcare professional.

EMS and Other Work Experience

RWJ Barnabas/ Hudson Community College

Paramedic Student

August 2023 – present

Jersey City, NJ 07302

- approx 500 hours in hospital clinical experience (ER, L&D, ICU, OR)
- AAS degree in Paramedic Science - January 2025

Hoboken Volunteer Ambulance Corps

911 response BLS EMS

April 2017 – present

Hoboken, NJ 07030

- 2nd Lt Vehicles - 2024-
- 2nd Lt Special Ops - 2022-2024
- EMS and Driving FTO

DevOps/Software Engineering

Infrastructure Engineer - see LinkedIn for details

November 2006 - December 2023

New York, NY

- Built and Monitored AWS based infrastructure
- Managed Kubernetes Cluster
- SRE for hundreds of servers for global backbone (US-East, US-West, Europe, Asia).
- Developed DevOps best practices for engineering and data science.
- DNS, System and Network Monitoring (Prometheus, NS1, NewRelic)

Certifications

NREMT - 2025 March expir.

NJ EMT - 2024 December expir.

BLS CPR - 2025 December expir.

NJ Drivers License - 2025 August expir.

CEVO 4 - 2024 January

ACLS 2024 - 2026 April expir.

PHTLS 2024 - 2028 May expir.

Mental Health Resource Officer - 2026 December expir.

Neonatal Resuscitation - 2026 April expir.

Difficult Airways - 2024 May

TECC - 2027 May expir.

FEMA WMD - 2024 January
ICS 100 - 2022 February
ICS 200 - 2022 February
ICS 700 - 2022 February
ICS 800 - 2022 February

cert copies at: www.verumfactum.com/res/resume.html

Education

RWJ Barnabas/Hudson County Community College

Jersey City, NJ

- AAS in Paramedic Science (Jan 2025)

Rutgers University

New Brunswick, NJ

- Bachelor of Arts in English Literature 1992