

Emil Cacayan

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SUMMARY

Emergency Department Technician and EMT with experience supporting high-acuity patient care in emergency medicine and prehospital settings. Skilled in interdisciplinary communication, patient care in emergency medicine and prehospital settings. Skilled in interdisciplinary communication, patient assessment support, emergency protocol coordination, EKG acquisition, phlebotomy, and clinical documentation. Strong interest in critical care, emergency medicine, and advanced prehospital care with a background in healthcare and bioinformatics.

EDUCATION

Loyola University Chicago

M.S. Bioinformatics

Expected Graduation: August 2026 | GPA: 3.97

University of Illinois Urbana-Champaign

B.S Biochemistry

Graduation Date: August 2023

LifeLine EMS Academy – Carol Stream, IL

Accelerated EMT Program, Emergency Medicine

June 2022 – August 2022

- Completed intensive 8-week EMT training program consisting of 144+ didactic hours and 36+ clinical hours.
- Awarded Academic Excellence / Class Valedictorian (August 2022)
- Completed FEMA NIMS IS-700, IS-800, IS-100, and IS-200 training modules.
- Achieved National Registry EMT certification following course completion.

CLINICAL

Emergency Department Technician

Advocate Good Samaritan Hospital – Downers Grove, IL

July 2025 – Present

- Support physicians and nurses in a high-volume emergency department serving critically ill and medically complex patients.
- Perform EKG acquisition, phlebotomy, specimen collection, patient transport, splinting assistance, and bedside patient support.
- Utilize Epic EHR for clinical workflow coordination, order tracking, and patient documentation support.
- Communicate patient condition changes and workflow updates to interdisciplinary care teams.
- Assist in rapid patient throughput and emergency department operational coordination during high-acuity situations.
- Developed familiarity with emergency medicine workflows including STEMI, stroke, trauma, psychiatric, and sepsis presentations.

Emergency Medical Technician (EMT)

Superior Air-Ground Ambulance – Aurora, IL

December 2023 – August 2025

- Delivered prehospital emergency care and interfacility transport support in emergency and non-emergency settings.
- Conducted patient assessments, vital sign acquisition, oxygen administration, splinting, bleeding control, and BLS interventions.
- Communicated with receiving facilities and hospital staff to support continuity of patient care and accurate clinical handoff.
- Operated effectively in high-stress environments requiring rapid decision-making and patient-focused communication.
- Maintained accurate documentation and adherence to organizational and state EMS protocols.

LEADERSHIP, INVOLVEMENT, & CERTIFICATIONS

Graduate Student Advisory Council (GSAC)

Loyola University Chicago

August 2024 – Present

- Represent graduate student interests and contribute to program-level discussions and initiatives
- Collaborate with faculty and administration to improve academic and student experience
- Participate in planning and coordination of student-focused events and communications

Crisis Text Line Volunteer

February 2025 – Present

- Provided real-time crisis intervention using structured communication and de-escalation techniques
- Assessed risk and guided individuals toward actionable next steps

CLINICAL SKILLS

Emergency & Prehospital Care: Patient Assessment • Vital Signs • Oxygen Administration • Bleeding Control • Splinting • BLS Interventions • Trauma Response • Emergency Patient Transport

Emergency Department Operations: EKG Acquisition • Phlebotomy • Specimen Collection • Patient Monitoring • Epic EHR • Interdisciplinary Communication • Clinical Workflow Coordination

Professional Skills: High-Acuity Teamwork • Crisis Communication • Situational Awareness • Documentation • Rapid Decision-Making • Patient Advocacy

CERTIFICATIONS

American Heart Association

- Advanced Cardiovascular Life Support (ACLS)
Issued May 2024 • Expires May 2026
- Pediatric Advanced Life Support (PALS)
Issued December 2024 • Expires December 2026
- Prehospital Trauma Life Support (PHTLS)
Issued July 2024 • Expires July 2028
- Basic Life Support (BLS/CPR)
Issued May 2024 • Expires May 2026

EMS Certifications & Licensure

- National Registry of Emergency Medical Technicians (NREMT)
Issued August 2022
- Illinois Department of Public Health EMT-Basic License (IDPH EMT-B)
Issued January 2023 • Expires January 2027

ADDITIONAL EXPERIENCE

Bioinformatics & Data Science Projects

Developed computational and machine learning workflows involving RNA-seq analysis, statistical genetics, healthcare data classification, and scientific data processing pipelines using Python and R.

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