

Zachary Hagen

1625 NE 104th St, Miami Shores FL 33138 | 804-832-8807

EDUCATION

University of Maryland Medical Center

Emergency Medicine Residency, June 2023

Baltimore, MD

Eastern Virginia Medical School

Doctor of Medicine, May 2020

Norfolk, VA

University of Virginia

Bachelor of Science in Biomedical Engineering, 2015

Charlottesville, VA

STATE LICENSES

Maryland State License	(2023-Present)
Florida State License	(2024-Present)
Alabama State License	(2025-Present)
Idaho State License	(2025-Present)
Illinois State License	(2025-Present)
Indiana State License	(2025-Present)
Missouri State License	(2025-Present)
Ohio State License	(2025-Present)
Pennsylvania State License	(2025-Present)
Utah State License	(2025-Present)
Wisconsin State License	(2025-Present)

CLINICAL EMPLOYMENT

Emergency Medicine Physician, Mount Sinai Medical Center

August 2025-Present *Miami, FL*

Full-time nocturnist with Mount Sinai Medical Center working mainly at an Emergency Department in Aventura.

Emergency Medicine Physician, Lifebridge Health

July 2023-July 2025 *Baltimore, MD*

Employed full-time by US Acute Care Solutions with credentials at 4 emergency departments in Baltimore. Carroll Hospital ED is 41 beds with annual volume of 42k. Northwest Hospital ED is 48 beds with annual volume of 38k.

Emergency Medicine Physician, ChristianaCare

Feb 2024-June 2025 *Elkton, MD*

Part-time employment at Christiana's Union Hospital. Union Hospital is a Primary Stroke Center and the designated Forensic Nurse Examiner site for Cecil County.

Tele-triage, University of Maryland Medical System

August 2021-June 2023 *Baltimore, MD*

Worked as a provider in triage, remotely assessing patients across 5 University of Maryland Emergency Departments using a tele-medicine interface. Activated appropriate clinical pathways for strokes, ACS, and other life-threatening presentations in the waiting room.

NON-CLINICAL EMPLOYMENT

Medical Advisor, Nectar Hydration

August 2019-Present *San Francisco, CA*

Working to ensure consumer safety, marketing accuracy, and FDA compliance within an early stage consumer goods start-up

Clinical Content Consultant, Doximity

May 2017-Dec 2018 *San Francisco, CA*

Worked with the editorial team to improve the quality and targeting of content toward U.S. physicians. Also worked with data team on user specialty and subspecialty categorization.

Technical Analyst/Programmer, Epic Systems

Fall 2015-Summer 2016

Madison, WI

Worked with the emergency departments of large hospital systems in New York, Pennsylvania, and Illinois to customize their electronic medical record. Languages: Java, MUMPS, MATHCAD, MATLAB, HTML

PUBLICATIONS

- Dakessian, A., Hagen, Z., Rocksmith, E. R., & Sethuraman, K. N. (2025). *Definition of delayed-onset neurologic sequelae: A scoping review*. Undersea and Hyperbaric Medicine Journal.
- Lewis, M. W., Wu, L., & Hagen, Z. A. (2022). *Stem-H for Medical Social Workers: A Primer*. Oxford University Press.
- Hagen, Z. (2015). The Interaction of the American Military, Medicine, and Society. *Intersect: The Stanford Journal of Science, Technology and Society*, 9(1).
- Hagen, Z. A., & Pickle, J. C. (2023). Hard to Swallow: Esophageal Emergencies. *Critical Decisions in Emergency Medicine*, 37(5).
- Hack, B., Ramon, S., Hagen, Z., Theron, M., Burkhardt, J., & Gillies, G. (2015). Direct Vision in Minimally Invasive Epicardial Procedures: Preliminary Tests of Prototype Instrumentation. *Journal of Medical Engineering and Technology*, 39(5)
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PATENTS

- Hagen, Z A (2024). *Syringe with Integrated Test Strip* (US Patent and Trademark Office Appl. 18/804,385, 2024)
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LECTURES

- Hagen, Z. (2021, July). *Shuntin' Like my Daddy. Clinicopathologic Case Series*. Baltimore; Maryland. A case presentation of a rare case of meningitis/ventriculitis due to VP shunt erosion into small bowel.
- Hagen, Z. (2023, May). *Sharknados (and other marine emergencies). Senior Lecture Series*. Baltimore; Maryland. 1 hour lecture overviewing common marine emergencies and management.
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PRESS

- An Engineer Revamps His Study Methods for Med School [Interview by Doximity Op-Med "How I Work" Series]. (2017, August 15). Retrieved from <https://opmed.doximity.com/articles/an-engineer-revamps-his-study-methods-for-med-school-415badb54936>
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CERTIFICATIONS

DEA License, BLS, ACLS, PALS, PADI Open Water Diver