

Eric Dudebout

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EDUCATION

Barrett, The Honors College, Arizona State University

B.S. Biochemistry (Medicinal Chemistry)

Relevant Coursework: General Chemistry/Laboratory, General Physics, Organic Chemistry/Laboratory, General Biology/Laboratory, Introduction to Global Health, Object-Oriented Program & Data

GPA: 4.0

EMS University

Nationally Registered Emergency Medical Technician Certification

Expected Graduation: Spring 2024

Honors to Date

June and July 2020

EXTRACURRICULARS

HonorHealth Scottsdale Osborn Medical Center

Patient Care Technician

January 2022 – July 2022

Scottsdale, Arizona

- As a part of the patient care team, alongside doctors and nurses, helped with taking vitals, specimen collection, ambulating patients, and hourly rounding
- Worked two 12 hour night shifts each week across med-surg, telemetry, and COVID units
- Trained venipuncture blood draws with phlebotomy

Banner Health

Volunteer

June 2019– March 2020 and December 2021– July 2022

Banner Desert and Gateway Medical Centers

- At Banner Gateway Medical Center, worked as a transport volunteer, helping with patient discharging, tele pack collecting, and intra hospital transport
- Following the pandemic, began volunteering at Banner Desert Medical Center as an administration volunteer, helping with tasks such as employee scheduling, Banner events, and new employee orientation

General Chemistry Lab Teaching Assistant

TA

August 2022 – Present

Arizona State University

- Leading two general chemistry lab sections by preparing for experiments, helping students to successfully complete the labs, helping to teach core chemistry lab concepts, and grading assignments

Medical Shadowing

Student

November 2019 – January 2020

Banner University Medical Center

- Shadowed Dr. Abbas, a board certified internist
- Observed patient consultations, learned about medical evaluations/assessments, diagnosing, and treatment

Research

Informatics and Computation in Open Neuroscience Lab

Undergraduate Researcher

February 2020 – Present

Arizona State University

- Working on coding mathematical models of neurons in python and XPP
- Currently working on modeling trpM8, a multimodal ion channel responsible for cold transduction

National Science Foundation REU

Undergraduate Researcher

January 2019 – May 2020

University of Arizona

- Awarded an NSF REU internship at the University of Arizona
- Performed statistical tests on actiwatch data collected from unemployed Arizonians to determine activity event correlations to investigate circadian rhythm health outcomes
- Continued with the research project following the internship and have presented results numerous times to UofA faculty

SKILLS

CPR/BLS, NREMT, Python (Expert), Java(Intermediate), Microsoft Excel, Fluent French