

Clayton Sloniker

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EDUCATION

University of Missouri – Kansas City

Seeking B.S. Computer Science

- 3.8/4.0 GPA
- Computer Science Club and Game Dev Club Member

Projected Graduation May, 2025

Kansas City, MO

University of Kansas School of Medicine

Previously Seeking M.D. Degree

- JayDoc Student Clinic
- Anesthesia Interest Group

July 2021 – May 2023

Kansas City, KS

University of Arkansas

B.S. Biochemistry, Minor Philosophy

- *Cum Laude*; 3.8/4.0 GPA
- Kappa Sigma Fraternity Executive Director; Chemistry Club President, Biology Club VP

Graduated May, 2019

Fayetteville, AR

WORK EXPERIENCE

University of Kansas Medical Center

Learning Technology Ambassador

- Recorded all lectures for medical school classes.
- Provided technical support to ensure seamless access to lecture recordings.

Aug. 2021 – May 2023

Kansas City, KS

Freeman Health System

Anesthesia Technician

- Collaborated with anesthesiologists to prepare surgical cases and administer IV lines.
- Prepared patients for surgery in Pre-OP.
- Assisted in surgical procedures, ensuring patient safety and comfort.

April 2015 – May 2021

Joplin, MO

RESEARCH EXPERIENCE / PRESENTATIONS

University of Kansas Medical Center – Department of Anesthesia

Changes in Pain Quality Before and After Intrathecal Pump Placement for Refractory Cancer Pain

- Studied pain management in cancer patients receiving ITP Pain Pumps for refractory pain.
- Collected samples, survey data, and performed patient questionnaires for study placement.
- Poster presentation at KUMC Student Research Forum.

May 2022 – May 2023

Kansas City, KS

University of Arkansas – Department of Chemistry

Study of Protein Ligand Interactions using Protein Equilibrium Population Snapshot by H/D Exchange Electrospray Ionization Mass Spectrometry (PEPS-HDX-ESI-MS)

- Honors Research Project
- Studied new techniques for studying protein interactions.
- Poster presentation at University of Arkansas – Department of Chemistry Forum

Aug. 2018 – May 2019

Fayetteville, AR

PROJECTS

Flight Deal Finder:

- Created an automated SMS/Email price alert for flights using Kiwi and Twilio API
- Integrated data storage with Google Sheets using Sheety API
- Utilized: Python, OOP, PaaS Cloud Hosting

Desktop Flashcard Trivia App

- Developed a flashcard trivia app that tracked player score with each successful streak.
- **Utilized:** Python, OOP, Tkinter

TECHNICAL SKILLS

- **Languages (Proficient)** Python, HTML/CSS/JavaScript, C++ | **(Familiar)** C#
- **Frameworks and Libraries:** Pandas, Django, Express, React, REST API
- **Tools:** Git, VS Code, PyCharm, OOP, Microsoft Office Studio