

# JEREMIAH OWNBY

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## EDUCATION

### University of Louisville

B.S. degree in Biochemistry. GPA 3.68.  
Certificate in Healthcare Skills  
Minor in Healthcare Leadership

Louisville, KY  
*Expected May 2028*

## CLINICAL & SHADOWING EXPERIENCE

### University of Louisville Trager Institute Optimal Aging Clinic

Clinical Intern

Louisville, KY  
*August 2026 – Present*

- Assist both clinical and medical staff during patient triage by documenting vitals and medical histories.
- Shadow medical staff workflows utilizing Epic EHR, digital faxing, and telehealth platforms.
- Observe interprofessional care coordination and conflict resolution strategies for a geriatric patient population.

### University of Louisville Hospital Emergency Department

Medical Shadowing

Louisville, KY  
*February 2025 – April 2026*

- Shadowed interns, residents and attending physicians in a Level I Trauma Center in biweekly 8-hour shifts.
- Participated in physician-led discussions regarding procedures, active patient cases, medical treatments, diagnoses and differentials.

### Pediatric Emergency Center at Children's Memorial Hermann

Medical Shadowing

Houston, TX  
*July 2026*

- Shadowed attending physician Dr. Karl Upplegger within a certified Level I Pediatric Trauma Center integrated into the nation's busiest Level I Trauma facility.
- Observed high-acuity pediatric emergency care, triage procedures, and world-class trauma team dynamics.

## EMPLOYMENT EXPERIENCE

### Aramark

Customer Experience Associate

Louisville, KY  
*August 2025 – January 2026*

- Worked during rush-hour morning shifts as a Starbucks barista on a busy college campus.
- Delegated tasks and managed orders to ensure excellent customer service.
- Maintained composure, focus, and accuracy while working under significant pressure during peak hours.

### REI

Equipment Sales Specialist

Louisville, KY  
*October 2024 – February 2025*

- Selected as a founding team member to establish workflows and open the first REI retail location in Kentucky.
- Collaborated with store management to design initial merchandise layouts and implement foundational operational procedures.
- Advised customers on backpacking and hiking equipment, translating overwhelming technical detail into digestible advice.

## LEADERSHIP ACTIVITIES

### Healthcare Professions Skills Program

Ambassador

The University of Louisville  
*September 2026 – Present*

- Present program benefits and curriculum details to prospective and current students during large-scale university events, including Accolades and the UofL Majors Fair.
- Advocate for healthcare pathways through tabling and engaging directly with prospective students.
- Serve as a representative of the university's Healthcare Professions Skills program, sharing personal insights from clinical internships and academic coursework to guide peers in their scholarly and professional development.

**Peer Mentor**

Self-Directed

Louisville, Kentucky

*September 2026 – Present*

- Serve as a mentor for roughly 6 undergraduate pre-medical students by sharing academic resources, clinical shadowing pathways, competitive application strategies, and personal experiences.
- Develop and distribute instructional materials and guides to assist peers in successfully navigating complex coursework and laboratory software.
- Advise students on medical pathways, providing guidance from personal experience on prerequisite planning, clinical volunteering, and extracurricular engagement.

**COMMUNITY SERVICE****Norton Women and Children's Hospital**

Emergency Department Volunteer

Louisville, KY

*November 2025 – Present*

- Interact directly with patients and families to provide comfort, assist with non-clinical needs, and improve overall patient experience.
- Assist with weekly shifts to support the clinical team's workflow in a fast-paced Emergency Department.
- Prepare patient rooms and restock essential medical supplies to ensure rapid turnover and readiness.

**Alpha Epsilon Delta (AED) Community Outreach**

Outreach &amp; Tabling

Louisville, KY

*January 2026 – Present*

- Advocate for the Gift of Life marrow and blood stem cell registry by educating university peers and facilitating donor registrations.
- Represent AED through dedicated campus tabling initiatives, sharing resources and answering questions to guide peers toward future opportunities.

**Homeland**

Unhoused Outreach Volunteer

Louisville, KY

*September 2024 – February 2025*

- Engaged directly with the local unhoused community to distribute essential resources and foster supportive connections.
- Supported ongoing outreach initiatives by advocating for the immediate needs of underserved populations across the Louisville area.

**RESEARCH EXPERIENCE****Undergraduate Research Assistant**

Dr. Kat Ray King Research Group

The University of Louisville

*September 2026 – Present*

- Familiarize with the research group's pedagogical methodologies to support the design of a new virtual biology laboratory.
- Collaborate with Dr. King and other members to outline academic requirements and core course competencies.

**EXTRACURRICULAR ACTIVITIES****Alpha Epsilon Delta (AED)**

Member

Louisville, KY

*January 2026 – Present*

- Engage with a community of pre-health students to discuss ethics, clinical procedures, and healthcare pathways.
- Attend guest lectures from professionals and participate in community service initiatives.

**University of Louisville's Undergraduate Society of Chemistry Students**

Member

Louisville, KY

*August 2026 – Present*

- Participate in departmental meetings to discuss advanced research, techniques, and scientific literature.
- Network with chemistry faculty and peers to collaborate on academic projects and share insight.
- Support science outreach and peer mentorship initiatives within the university's chemistry community.

**University of Louisville Honors Program**

Member

Louisville, KY

*August 2026 – Present*

- Complete advanced, rigorous academic coursework within the Honors curriculum while maintaining a 3.68 GPA.

- Collaborate with highly motivated peers and faculty to elevate academic and professional development.

## CERTIFICATIONS AND PROFESSIONAL DEVELOPMENT

### University of Texas Health

Houston, TX

Summer Health Professions Education Program (SHPEP) Scholar

June 2026 – July 2026

- Selected from 1,400+ applicants to join a 78-peer cohort.
- Developed professional competencies and study strategies for competitive medical school admissions.
- Honored with the “Excellence in Academics” award by program coordinators.

### American Red Cross

Adult and Pediatric First Aid/CPR/AED-BL

Issued Apr 2026 · Expires Apr 2028

### CITI Program

HIPAA Privacy

Issued Feb 2025 · Expires Feb 2029

### STOP THE BLEED®

Stop the Bleed Certification

Issued Jan 2026

## SKILLS

### Clinical & Patient Care

- Epic & Cerner EHR Systems
- Triage & Support
- Clinical Administration
- Patient Communication & Interaction
- SOAP Documentation

### Laboratory & Scientific Technique

- Lab Safety Protocols
- Lab Procedure & Operations
- Biochemical Quantitative Assays

### Programming, IT & Technical

- Python & R
- Molecular Visualization & Sequence-to-Structure Analysis
- QGIS Spatial Analysis
- Full-stack Web Development
- Git & Visual Studio Code

### Professional

- Written & Verbal Communication
- Interdisciplinary Collaboration
- Adaptability & Problem-Solving
- Ethics & Patient Advocacy