

Jeri Stewart

jerijuba@gmail.com • Atlanta, GA • 770-354-7158 • www.linkedin.com/in/jeri-stewart • <https://github.com/Jeri-Stewart>

QUALIFICATION SUMMARY

- **Adaptable and Fast Learner:** Successfully completed Hackbright Academy Bright Paths Bootcamp with expertise in Java, REST API, React, and Spring Framework, showcasing a high aptitude for learning and mastering new technologies
- **Organized and Meticulous:** Excelled in managing data for clinical and research specimens, implementing efficient laboratory practices, and maintaining a high standard of quality in a public health laboratory environment
- **Collaborative Team Player:** Thrived in diverse, cross-functional environments, leveraging strong communication skills to work alongside 4+ teams, ensuring effective diagnostic testing and surveillance for pathogenic organisms

TECHNOLOGIES/SKILLS

Languages | Python, Java, JavaScript, HTML, CSS, SQL

Frameworks & Libraries | React, Spring Framework, REST API, Pandas, NumPy, Matplotlib, Node

Database & Industry Tools | MySQL, PostgreSQL, BigQuery, Command Line, Git Version Control, Github

Tools/Software | Adobe Photoshop, Adobe Indesign, Tableau, Microsoft Excel, Google Sheets

PROFESSIONAL EXPERIENCE

Student Engineer

May 2023 - July 2023

Hackbright Academy – Accelerated Full Stack Software Developer Program, San Francisco, CA

- Developed a robust skill set encompassing front-end and back-end technologies, including React, Bootstrap, and REST APIs
- Implemented testing methodologies, including unit and integration testing, to ensure code quality, functional integrity, and optimal user experience
- Applied Agile principles during group projects, actively contributing to sprint planning, backlog grooming, and iterative development processes
- Designed and developed two interactive web applications from concept to deployment:
 - **Mock Library Management System** | Created a comprehensive web-based library system for cataloging, managing, and searching books, showcasing proficiency in database design and user authentication
 - **Book Review Application** | Constructed a dynamic platform for users to submit and read book reviews, integrating user-friendly interfaces with back-end data processing

Public Health Biologist, ORISE Fellow

April 2019 - June 2023

Centers for Disease Control and Prevention, Atlanta, GA

- Enhanced inventory management, leading to a 47% productivity surge in specimen processing, resulting in quicker patient diagnoses
- Orchestrated testing for 1000+ human blood specimens from CDC Sri Lanka and CDC Bangladesh, aiding large-scale collaboration efforts
- Provided statistical data analysis and visualizations resulting in co-authored research findings on acute febrile illness in Bangladesh in the PLOS One peer-reviewed scientific journal publication
- Spearheaded the development of a highly sensitive quantitative reverse transcriptase real-time polymerase chain reaction (rtRT-PCR) assay for the detection of five Rickettsiales agents and presented to 300+ employees in CDC's Division of Vector-Borne Diseases
- Conducted molecular testing for a year-long clinical specimen stability study, informing decisions on storage and diagnostic testing methods, benefiting State Public Health Laboratories

Research Specialist Athens, GA

March 2016 - January 2017

UGA College of Engineering

- Assisted in translational biomedical engineering research for SNAP/Nitric Oxide donor coatings for two medical devices
- Managed experiments, implemented coatings for animal model experiments, and contributed to research data analysis

EDUCATION

The University of Georgia, Athens, GA

Bachelor of Science in Biology (B.S. Biology)

HOPE and Zell Miller Scholarship Recipient

Peach State LSAMP Scholar and Ambassador

Google Data Analytics Certification | AI in Healthcare Stanford University Specialization Certification