

# Jeri Stewart

Atlanta, GA • <https://www.jeristewart.com> • <http://www.linkedin.com/in/jeri-stewart> • <https://github.com/Jeri-Stewart>

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## PROFESSIONAL OVERVIEW

As a Software Developer, I bring a strong foundation in programming languages allowing swift transition to any expertise such as in Docker, C# and .Net for innovative solutions. My adaptability shines through effective data management and collaboration with members in cross-functional teams. I excel in converting complex challenges into practical solutions through critical thinking. I am committed to delivering excellence and ensuring project success.

## TECHNICAL 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*

- Applied computer science theories and QA testing methodologies, including unit and integration testing, to ensure code quality, functional integrity, and optimal user experience during group projects, actively contributing to sprint planning, backlog grooming, and iterative development processes
- Designed and developed 3+ 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 and software design and user authentication
  - **Book Review Application** | Constructed a dynamic platform to submit reviews, integrating user-friendly interfaces with back-end data processing and fostered solution design through collaborative brainstorming sessions.
  - **Digital Portfolio** | Developed and deployed a React application following agile development and Software Development Life Cycle (SDLC) to prioritize user satisfaction through problem-solving and iterative improvements and leveraging Amazon Web Services (AWS) for seamless deployment and hosting.

### Public Health Biologist, ORISE Fellow

April 2019 - June 2023

*Centers for Disease Control and Prevention, Atlanta, GA*

- Enhanced inventory data management and resources by applying process improvement strategies for scalability leading to a 47% productivity surge in specimen processing, resulting in quicker clinical diagnoses
- Possessed security clearance for handling confidential data and orchestrated testing for 1000+ human blood specimens from CDC Sri Lanka and 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 and contributing to groundbreaking research
- 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 using emerging technologies and presented to 300+ employees in CDC's Division of Vector-Borne Diseases
- Conducted molecular analytical testing for a year-long clinical specimen stability study, informing decisions on storage and diagnostic testing methods, benefiting State Public Health Laboratories.
- Guided junior colleagues in best practices and professional development demonstrating valuable mentorship and leadership skills

### UGA College of Engineering Athens, GA

March 2016 - January 2017

*Research Specialist*

- 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)*

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

HOPE and Zell Miller Scholarship Recipient

Peach State LSAMP Scholar and Ambassador