Sean Slaughter

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Skills

Cloud	Amazon Web Services, Soap and RESTful APIs	**Tools**	Mediation, Project Planning
Languages	Java, C, C++, C#, HTML/CSS, JavaScript & PHP		Atlassian Jira, Confluence, GIT, ServiceNow, Google Tool Suite, Visual Studio, JetBrains Suite, Spring Tools
Soft Skills	Agile Workflow, Team Management, Conflict		

Experience

Ally Financial Bank (Charlotte, NC)   **May 2023/24 – Aug 2023/24**
Intern Software Developer

Intern Software Developer (May 2023 - August 2023)

– Managed a **MySQL** database and integrated internal **authentication services** for secure user access control.
– Deployed **Java-Based batch processing** services to safely manipulate sensitive data efficiently, reliably.
– Leveraged company-specific **AI** tools and participated in an internal hack-a-thon planning commitee.
– Volunteered with local non-profits in gardening and clothing recycling.

Intern Software Developer (May 2022 - August 2022)

– Developed **Java**-based tools and integrated **AWS**, **Hibernate**, **Terraform**, and **REST/SOAP APIs** to streamline data exchange and provisioning.
– Operated in an **Agile** environment, contributing to sprints, stand-ups, and retrospectives for timely deliveries.
– Diagnosed issues, designed scalable **microservices**, and refined system architecture for performance and maintainability.
– Volunteered with a Charlotte-based STEM center to set up LEGO© engineering kits for local schools.

Clemson Home (Clemson, SC)   **Jan 2021 – Dec 2023**
Residential Community Roles and Area Desk Assistant

Residential Community Leader (Aug 2023 - Dec 2023) (previously Residential Community Mentor)

– Managed **scheduling**, **planned events**, and promoted educational growth for 50+ residents, fostering an inclusive environment.
– Resolved staff and student conflicts in collaboration with local law enforcement and behavioral specialists.

Residential Area Desk Assistant (Jan 2021 - Dec 2023)

– Oversaw facility access and fielded resident inquiries via phone support.
– Refined the Desk Assistant role to better serve community needs.

Other Experiences

Publix (Deli Clerk)	*Dec 2023 - Present*
McDonald's (Shift Manager)	*May 2018 - Jan 2021*

Education

Clemson University, Clemson, SC   *B.S. in Computer Science*

Relevant Coursework:

3D Computer Graphics, Operating Systems, Eye Tracking Methodology, Game Design Methodology, Discrete Structures and Algorithms, Software Engineering Practicum

Certifications:

Java Web Services & RestAPI, Introductory Terraform for AWS, Java Test-Driven Development, CITI Human Subjects Protections (At Clemson)

Projects

Driving Rewards Web App
Team Project
(Aug 2024 - Dec 2024)
Languages: JavaScript, HTML, CSS, MySQL
Technologies: React.js, AWS, eBay API, Git
Description: Web platform for organizations to award users points for eBay items. Implemented AWS-backed authentication, secure ordering, and scalable infrastructure.

Eye Tracking Research — Cute vs Creepy
Solo Project
(Aug 2024 - Dec 2024)
Languages: Python
Technologies: PsychoPy, Git
Description: Conducted an eye-tracking experiment to assess emotional responses to generated images, analyzing gaze patterns to measure "cute" vs. "creepy."

Magical Gardening Game
Team Project
(Aug 2024 - Dec 2024)
Languages: C#
Technologies: Unity, Git
Description: Created a 2D, cozy, high-fantasy, garden-themed game. Implemented core gameplay in C#, integrated assets in Unity, and collaborated on art, music, and story.

Other Projects

Microservice Migration (Java 2023) — Batch Processing Service (Java/MySql 2024) — Connect X (Java 2022) — Mortage Acceptance Calculator (C 2021)