

Nolan Tuttle

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<https://github.com/nolantuttle>

Summary

Hardworking and driven Software Engineer who loves working and learning in a fast-paced and challenging environment.

SKILLS

Languages: Java, Bash, Python, C++, C, SQL
Familiar with: HTML, CSS, MIPS Assembly
Tools: Unix/Linux, Git, Jira, Linode, AWS, JUnit
Frameworks/Libraries: Spring Framework, Jackson

EXPERIENCE

Study Group Leader	Fall 2024 – Spring 2025
<i>Grand Canyon University, College of Engineering and Technology</i>	<i>Phoenix, AZ</i>
<ul style="list-style-type: none">Coordinated a study group focusing on Computer Architecture and Operating SystemsVisited weekly with instructors to clarify concepts and revise courseworkCollaborated weekly with 2-4 students by reviewing course materials and through programming exercises when applicable	

Projects

Spring Boot Website (https://github.com/nolantuttle/SpringBootWebsite)	November 2024 – February 2025
<ul style="list-style-type: none">Tools/Frameworks Used:<ul style="list-style-type: none">Java, MongoDB, Thymeleaf, REST API, Spring Security, JUnit, GitKey Responsibilities:<ul style="list-style-type: none">Worked on front-end technology to create intuitive user interfaces (HTML, Thymeleaf templates)Implemented RESTful APIs for communication between frontend and backend, allowing users to modify records on the websiteIntegrated a MongoDB database with the Spring Boot application to manage user data in a scalable data format	
Store Front Application (https://github.com/nolantuttle/milestone)	September 2023 – December 2023
<ul style="list-style-type: none">Tools/Frameworks Used:<ul style="list-style-type: none">Java, JUnit, Jackson, GitObjective:<ul style="list-style-type: none">Create a Java application that models a real-world shopping application with an admin application for modifying products over a server connection and implement all Object-Oriented Programming principles.Key Responsibilities:<ul style="list-style-type: none">Storing all products in JSON format in a separate file using the Jackson library to enforce data separationImplemented a separate application to manage the store application as an admin externally to modify the store's products concurrently using threads	

EDUCATION

Grand Canyon University Phoenix,	
<i>B.S. Software Engineering</i>	<i>Fall 2022 – Current</i>
Relevant Coursework:	
<ul style="list-style-type: none">Algorithms and Data StructuresIntroduction to Database StructuresObject Oriented Programming	<ul style="list-style-type: none">Operating SystemsDigital Logic and DesignComputer Architecture