

Garry Alcorn III

CONTACT INFORMATION

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TECHNICAL SKILLS

Languages: Java, C++, Scala, GLSL
Tools: OpenGL, Docker, GLFW, Selenium, OpenAPI, Maven, Gradle, Tomcat, Jenkins

PROFESSIONAL EXPERIENCE

Accenture Federal Services, St. Louis, MO

Custom Software Engineering Sr. Analyst

July 2024 – Current

- Co-led the refactoring of the regression testing Selenium framework, reducing test execution time for the same scenarios by two-thirds
- Enhanced logging for all email services and collaborated with other teams to create a Splunk dashboard to display relevant email data
- Implemented mock services in NodeJs to enable local development independent of external APIs

Oracle (Cerner Corporation), Kansas City, MO

Software Engineer

May 2020 – July 2024

- Enhanced database scalability by migrating CCL search implementation to a Java/Hibernate framework, optimizing query design and implementing efficient paging logic for millions of rows within Oracle SQL database tables
- Aided in code release testing and validation by recording Postman test release scenarios
- Tested REST and data access layer code changes using Mockito and JMockit for unit testing frameworks and Cucumber for functional testing

Software Intern

May 2019 – August 2019

- Updated an existing RESTful API endpoint to include a boolean value to indicate whether an appointment was a video visit
- Used OpenAPI to generate Java REST code and then enhanced an existing Java service to propagate the indicator from the JDBC up to the REST layer
- Created Unit Tests using the Mockito framework along with designing functional tests utilizing Behavior Driven Development with Cucumber

PROJECTS

ErlEngine:

Solo developed an OpenGL game engine that is able to load/save game save files, read custom 3d model files, and run custom console commands through written script functions the engine stores.

GroupMe Schedule Reminder Bot:

Developed a GroupMe bot written in Python using the GroupMe API that sends out a message stored inside a MySQL database containing the current events and responds to messages directed to the bot in the chat.

Inspector Jenkins:

Cooperated with a team to implement a React app to find old unused Jenkins jobs and allow users to view or delete them. Utilized existing Node packages to grab abandoned jobs from the Jenkins instance and send delete requests.

EDUCATION

Truman State University, Kirksville, MO

B.S., Computer Science GPA: 3.25

August 2016 – May 2020

Notable Coursework: Data Structures and Algorithm Analysis; Object Oriented Programming and Design; Computer Security Fundamentals; Internet Programming; Computer Architecture and Organization;