JASON LIN

Orlando, FL · jasonlinfl@hotmail.com · (321) 236-0756 · https://n00dles123.github.io

EXPERIENCE

Amazon Web Services — Seattle, WA
Software Development Engineer Intern — May 2023 - Aug 2023

- Built an internal system for gathering certain metrics in AWS Game Tech to help improve customer experience with product
- Designed the internal system using S3, Lambda, Amazon SQS Queues, and Java Spring
- Streamlined feature by unit testing with Mockito with 92% line coverage as well as AWS CloudWatch to monitor system metrics
- Innovated the system from scratch including the provisioning of AWS services through the Cloud Development Kit

KnightHacks — Orlando, FL
Backend Developer — May 2022 - Feb 2023

- Contributed to 12 API endpoints in the KnightHacks Hackathon website using GraphQL and Golang
- Tested those endpoints that mutated the database using unit tests to ensure the mutations served their functionality
- Stored user data with PostgresSQL

PROJECTS AND RESEARCH

Parallelized Merge Sort Paper *Java*   https://github.com/N00dles123/cop4520project

- Organized a team of 3 students to create a parallelized merge sort to see its effects on sorting in a greedy application
- Tested the merge sort on three different greedy algorithms and benchmarked based on their memory usage as well as the time it took for the greedy algorithm to run
- Evaluated and created graphs from the metrics produced from randomized test cases

Recipefy *MongoDB, Node, React, ExpressJS, Sendgrid*   https://github.com/N00dles123/Recipefy

- Orchestrated a team of 8 developers using Jira to create a full stack web application to share and create recipes
- Introduced the system using Cloudinary, Express, and MongoDB .
- Simplified the features by unit testing with JEST with 90% coverage
- Contributed to 14 API endpoints which involved User and Recipe APIs resulting in 50% more efficiency when testing.

ContactHub *Linux, Apache, MySQL, PHP* https://github.com/N00dles123/COP4331-Small-project-group8

- Oversaw a team of 8 people as the project manager using Gantt charts to create a full stack web application to store and manage contact information
- Designed the system from scratch using Linux, Apache, PHP, and MySQL and hosted on DigitalOcean
- Extended 8 total API endpoints in PHP and tested those API endpoints using Postman to ensure the API endpoints were exectuting their intended behavior

SKILLS

Languages:	Java, JavaScript/TypeScript, Python, C, PHP, HTML, CSS, SQL
Frameworks:	React, Node, Spring
Developer Tools:	Git, Visual Studio Code, AWS, Jira

EDUCATION

University of Central Florida — Orlando, FL
BS Computer Science *GPA: 3.84/4.0* — Aug 2020 - May 2024
Relevant Coursework: Data Structures and Algorithms, Processes for Object Oriented Software Development, Introduction to Bioinformatics Algorithms, Theory of Computation