

Dayo Asaolu

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Website: <https://dayoasaolu.com>

Github: <https://github.com/DayoAsaolu?tab=repositories>

SUMMARY

Recent Graduate of computer science with practical experiences in web development, as well as back-end development which were gained through several coursework and projects. Proficient in Python, Java, AWS, JavaScript, Linux OS, and possess the ability to collaborate within a team. I also possess a good understanding of agile software development processes.

EDUCATION

B.Sc. Computer Science

Jan 2015 – Sept 2020

Memorial University Of Newfoundland, Newfoundland, Canada.

Software Developer, 3D Graphics - Team Project

Jan 2020 – Apr 2020

Student at Memorial University Of Newfoundland - St. John's, NL

- Designed a virtual museum, tessellation and twist, and app to simulate light in webgl.
 - Implemented gl-matrix - High performance matrix and vector operations library.
 - Develop 3D models with blender, .Obj/3DS files with Blender & Converting into FBX/JSON.
 - Solid foundation in Linear Algebra, matrix manipulation and algorithms.
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Software Developer, Game Development - Team Project

Jan 2020 – Apr 2020

Student at Memorial University Of Newfoundland - St. John's, NL

- Design a web-based game using NodeJs/Mongodb/HTML5/JavaScript
 - Implemented NoSQL database (Mongodb) to store game data.
 - Documented the features and functionalities of the game application
 - Designed part of the level editor functionalities.
 - Presented the developed web application to other course mates
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Software Developer, Visual Computing and Applications

Jan 2020 – Apr 2020

Student at Memorial University Of Newfoundland - St. John's, NL

- Designed image Histogram app - graph of rgb intensity of an image.
 - Implemented: linear convolution, kernel, image gradient to process images.
 - Implemented mean, median and kuwahara filter to smoothing image.
 - Implemented manual, mean, median thresholding and Otsu's method to image.
 - Implemented harris detector to identify corners in images.
 - Added functions GUI buttons.
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PERSONAL PROJECTS

PORTFOLIO WEBSITE - Version 1

AUG 2020 – PRESENT

- Used the following technologies: React.js, Github, github pages, VsCode, LinuxOS.
- Installed and configured LinuxOS(Ubuntu 20)

PORTFOLIO WEBSITE - Version 2 - <https://dayoasaolu.com>**AUG 2020 – PRESENT**

- Used the following technologies: AWS EC2, Route 53, CodePipeline, ElasticBeanStalk, Certificate Manager(SSL/TLS), domain name, S3 Buckets, GitHub, VS Code, CSS, HTML, CloudFront.
 - Pushed Source code using terminal to github repo.
 - Created an EC2 instance via AWS console.
 - Created AWS codepipeline from github repo to AWS S3 Bucket.
 - Designed, programmed, tested, and implemented js functions in an agile system requirement specifications.
 - Implemented aws to re-route from aws url to my custom domain.
 - Route subdomain to domain. www.dayoasaolu.com -> dayoasaolu.com
 - Encrypted domain name using AWS certificate manager (SSL/TLS).
 - Wrote shell script to automate code git commands. (add, commit, push)
 - Troubleshoot codepipeline, S3, Cloudfront issues using AWS console.
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PROFESSIONAL TRAININGS AND CERTIFICATIONS

- Coursera Data Science Orientation
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SKILLS & QUALIFICATIONS

- **Programming Languages:** Python, Java, JavaScript, Shell Script, SQL
 - **Operating Systems:** Linux OS
 - **Version Control:** GitHub
 - **Industry Best Practices and Processes:** Agile software development, Code Integration and Code Pipeline (CI/CD), Dependency Injection.
 - **Tools:** AWS, Docker, REST-API, Blender, WebGL, 3DGraphics Programming, TDD
 - **Frameworks:** Django, Flask, React, Spring Boot
 - **Communication:** Ability to listen effectively and ability to speak and write efficiently.
 - **Collaboration:** Ability to work in a team to accomplish set objectives.
 - **Organization and Time Management:** Ability to prioritize tasks, multi-task, and work within deadline.
 - **Problem solving:** Ability to identify problems, troubleshoot, and provide solutions in a systematic manner.
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System Technician - VOLUNTEER WORK**Deeper Life Bible Church - Canada****Sept 2017 - Present**

- Involved in installing - public address system, projector and projector screen.
 - Designed attendance software using python.
 - Worked alone or in groups every week as a computer analyst, providing support, collecting and analysing data and information on attendance and charity funds.
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REFERENCES

Available upon request.