Samuel Fogbawa Turay

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EDUCATION

Software Development   September 2022 - Present
Brigham Young University - Idaho   *Rexburg, Idaho*

- Create software to achieve meaningful tasks in variety of domains, languages, and platforms
- Headed various phases of software lifecycle, planning, design, development, and testing
- Evaluate pros and cons of alternative solutions
- Create dynamic, data-driven application, visually appealing and follow industry standards
- Demonstrate traits of an effective team member

EXPERIENCE

Programming Intern
Research and Business Development Center (RBDC)   *Remote*

- Conducted research to design and develop scalable and maintainable codebase, ensuring future growth by 70%
- Collaborated with a cross-functional team to resolve and troubleshoot complex technical issues, ensuring 90% seamless application operation
- Implemented robust features to web application for enhanced functionality, increasing best user experience by 50%
- Engaged in agile development methodologies, participating in sprint planning, code reviews, and daily stand-ups, fostering collaborative and efficient development

CSE Motors
Web Backend Development   *Online*

- Mastered the MVC architecture - Models, Views, and Controllers, building 1 backend applications
- Finished individual weekly projects based on server-side rendering principles, tools, libraries, and packages accomplishing a 97% minimum success rate in project completion
- Enhanced team coordination and communication skills in web application design, project structure and development, leading to a 25% increase in team efficiency
- Executed development of final project, incorporating innovative solutions to real-world problems for duration of 7 weeks

SKILLS

- Proficient in HTML/CSS and JavaScript. Adhering to best practices for semantics and accessibility in web design
- Python - utilizing data types, variables, lists, dictionaries, conditional statements, reusable functions
- C# - applying Object-Oriented Programming principles - Abstraction, Encapsulation, Inheritance, Polymorphism
- Competent in MongoDB, Express, React, and NodeJS - MERN stack
- Experienced in Git version control and GitHub
- Teamwork and collaboration
- Initiative and proactive