

FRANCIS NYANTAKYI

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EDUCATION

Brigham Young University – Idaho

Apr 2027

Bachelor of Science, Software Development

Certificate: Web and Computer Programming

Relevant Coursework: Web Development, Object-Oriented Programming, Database Design, Data Structures & Algorithms

Mampong Technical College of Education; Mampong, Ghana

Jul 2026

Bachelor of Education, Junior High Schools

Focus: Technical Communication, Curriculum Development, Student Engagement Strategies

RELATED EXPERIENCE

Web Developer – Personal Projects; Remote

Jan 2024 - Present

- Developed five web applications using HTML5, CSS3 with SCSS, and JavaScript featuring responsive design across mobile, tablet, and desktop devices
- Built GeoSphere application integrating five third-party APIs using asynchronous JavaScript to deliver real-time location data and interactive functionality
- Engineered Study Hub educational platform serving 100+ students with semantic HTML and accessibility best practices including ARIA labels and keyboard navigation
- Implemented Git version control workflows for all projects ensuring code quality and collaboration readiness
- Applied SEO optimization techniques including semantic markup and meta tags to improve search rankings

Web Project Lead – MISA Website; Mampong, Ghana

Aug 2023 - May 2024

- Designed and launched responsive organizational website using HTML, CSS, and JavaScript with cross-browser compatibility
- Collaborated with stakeholders to translate requirements into functional web specifications
- Managed content updates and maintained style guide ensuring consistency across all pages

LEADERSHIP & ACTIVITIES

Mathematics and ICT Students Association – President

2023 - 2024

- Led cross-functional team of 50+ members coordinating technical workshops and collaborative learning initiatives
- Organized technical seminars developing public speaking and knowledge-sharing skills valued in distributed teams

Academic Projects

- Developed object-oriented applications in C# and C++ implementing design patterns and data structures to optimize algorithm performance

TECHNICAL SKILLS & INFORMATION

- Web Technologies:** HTML5, CSS3, SCSS, JavaScript (ES6+), TypeScript, Responsive Design, SEO, Accessibility (WCAG)
- Frameworks & Tools:** Git, GitHub, VS Code, Component-based Architecture
- Additional Languages:** Python, C#, C++, SQL
- Certifications:** Golden Pathway Connect Certificate (2024), Web and Computer Programming Certificate
- Languages:** Fluent in English and Twi
- Location & Availability:** Ghana - Remote work ready; will require visa sponsorship