

# FRANCIS NYANTAKYI

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## E D U C A T I O N

<b>Brigham Young University – Idaho</b> Bachelor of Science, Software Development <i>Certificate: Web and Computer Programming</i> Relevant Coursework: Web Development, Object-Oriented Programming, Database Design, Data Structures & Algorithms	Apr 2027
<b>Mampong Technical College of Education; Mampong, Ghana</b> Bachelor of Education, Junior High Schools Focus: Technical Communication, Curriculum Development, Student Engagement Strategies	Jul 2026

## R E L A T E D E X P E R I E N C E

<b>Web Developer – Personal Projects; Remote</b> <ul style="list-style-type: none"><li>Developed five web applications using HTML5, CSS3 with SCSS, and JavaScript featuring responsive design across mobile, tablet, and desktop devices</li><li>Built GeoSphere application integrating five third-party APIs using asynchronous JavaScript to deliver real-time location data and interactive functionality</li><li>Engineered Study Hub educational platform serving 100+ students with semantic HTML and accessibility best practices including ARIA labels and keyboard navigation</li><li>Implemented Git version control workflows for all projects ensuring code quality and collaboration readiness</li><li>Applied SEO optimization techniques including semantic markup and meta tags to improve search rankings</li></ul>	Jan 2024 - Present
<b>Web Project Lead – MISA Website; Mampong, Ghana</b> <ul style="list-style-type: none"><li>Designed and launched responsive organizational website using HTML, CSS, and JavaScript with cross-browser compatibility</li><li>Collaborated with stakeholders to translate requirements into functional web specifications</li><li>Managed content updates and maintained style guide ensuring consistency across all pages</li></ul>	Aug 2023 - May 2024

## L E A D E R S H I P & A C T I V I T I E S

<b>Mathematics and ICT Students Association – President</b> <ul style="list-style-type: none"><li>Led cross-functional team of 50+ members coordinating technical workshops and collaborative learning initiatives</li><li>Organized technical seminars developing public speaking and knowledge-sharing skills valued in distributed teams</li></ul>	2023 - 2024
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## Academic Projects

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

## T E C H N I C A L S K I L L S & I N F O R M A T I O N

- 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