

Evans Kwasi Asuboah

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Google Generational Scholarship Recipient, Mongo DEI World Scholar, Maris Price Award Recipient

EDUCATION

Stetson University - DeLand, Florida

May 2024

Bachelor of Science in Computer Science

Affiliations: Brilliant Black Minds, Codepath, ColorStack at Stetson (Vice President)

WORK EXPERIENCE

- Amazon | Software Engineer Intern (AWS Chime SDK Team)

Seattle, 06/24 - 09/24

 - Optimized on-call engineering workflows, cutting average resolution times by 20 minutes per ticket and improving operational efficiency during high load periods.
 - Refactored code for a scalable, extensible solution, enabling teams to easily onboard and retrieve CloudWatch logs for customer and auto-cut tickets with minimal effort.
 - Automated API throttle requests, service limit increases, and latency spikes, saving 49+ hours of engineering time in six months and speeding up issue resolution
- Amazon | Software Engineer Intern (Alexa Music Multimodal Experience Team)

Seattle, 05/23 - 08/23

 - Led a 6-person (5 engineers, 1 PM) team to develop innovative "Refresh & Delete" features for Alexa Music Widget, boosting user control and projecting a 10% traffic increase.
 - Implemented innovative "Refresh" and "Delete" features for the music widget, boosting user control over playback and increasing projected traffic to the Alexa Music Widget Service by 10%.
 - Optimized the Alexa Music Widget Service for responsiveness and scalability by using cloud computing principles.
- Codepath X Workday | Full Stack Intern

Seattle, 05/22 - 08/22

 - Developed an immersive location-based game using React, Node.js, PostgreSQL & Google Maps for dynamic UI, scalable architecture & robust data management.
 - Championed a 5-week sprint to deliver a feature-rich MVP with 10 functionalities. Agile methodologies and CI/CD practices streamlined the build and deployment process by 20%.
- Black Home Schoolers of Central Florida | Web Intern

DeLand, 05/23 – 05/24

 - Developed a comprehensive Dashboard for Black Home Schoolers of Central Florida, leveraging Tailwind CSS, React, Flask, and MongoDB to facilitate advanced data queries and search operations for administrators.
 - Designed and implemented a tailored database for BHCFL using MongoDB, ensuring robust data management and streamlined administrative access for efficient operations. <https://github.com/EvansAsuboahStetson/bhcfldatabase>

PROJECTS

- BHCL Expo 2024

HTML/CSS, React.js, Tailwind, Contentful

 - Increased website traffic by 30% in the first three months using Tailwind and React.
 - Consistently held stakeholder meetings to deliver progress updates, achieving a 90% satisfaction rate with project communication.
- Schedule Prediction w/ CNN Machine Learning

PyCharm, NumPy, Panda, Python

 - Designed a sophisticated algorithm leveraging Convolutional Neural Networks (CNNs) that predicted optimal meeting times for multi-person engagements, boosting collaborative scheduling efficiency by 35% across a test organization.
 - Achieved a significant 70% accuracy rate in predicting meeting times on new datasets, demonstrating proficiency in machine learning model development and application.
- Alumni Connect Web App

React.js, Node.js, MongoDB, Express, REST API

 - Led a 4-person team to build Alumni Connect, a MERN stack web app projected to connect 30%+ of students with alumni within 6 months of launch.
 - Integrated a chat feature capable of handling 500+ weekly conversations, facilitating student-alumni networking and mentorship.
- Real-Time Multiplayer Tic-Tac-Toe Game

React.js, Node.js, Express, Socket.io, SQLite

 - Developed a real-time multiplayer Tic-Tac-Toe game using React.js, Node.js, Express, and Socket.io, featuring an interactive lobby system for player matchmaking, game invites, and seamless game starts.
 - Integrated advanced features such as winner determination, move validation, and game restart capabilities to maintain a seamless and engaging user experience during concurrent matches.

LEADERSHIP

- African Students Union | President

Deland, 08/23 – 05/24

 - Revitalized the African Students Club at Stetson University, growing cross-cultural participation by 15% after a 5-year hiatus.
 - Led cultural showcases and educational events that increased cross-cultural understanding by 15% among the 3,500 students at Stetson University.

TECHNICAL SKILLS

Java, Python, JavaScript, HTML/CSS, SQL, C++, Alexa Presentation Language Node.js, MongoDB, MySQL, Git, Firebase, React, JIRA, Figma, CloudWatch, Atocha, REST, GraphQL, Coral, Flask, Flutter