

Ebenezer K. Acquah

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EDUCATION

Grambling State University

Bachelor of Science in Computer Science, Minor in Mathematics

Grambling, LA

Aug 2024 – May 2028

Relevant Coursework

Programming in python, Data Structures & Algorithms, Object Oriented Programming, Calculus, Operating Systems

TECHNICAL SKILLS

Languages: Python, Javascript, Java, C/C++, HTML/CSS

Frameworks: React, Node.js, Nextjs, Tailwind, Firebase, Material-UI, Beautiful Soup, FastAPI

Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, Vercel, VS Code, Visual Studio, PyCharm, IntelliJ, ESLint, Prettier

Libraries: pandas, NumPy, Matplotlib, Jest, Webpack, Jinja2

EXPERIENCE

Student Technology Consultant

Aug 2024 – Present

Grambling State University

Grambling, LA

- Provided software troubleshooting for 25+ students per week, maintaining a 95% satisfaction rate and minimizing lab downtime by 6+ hours
- Spearheaded the unboxing, assembling, and imaging of 40+ new desktop computer sets, achieving a 100% success rate in the imaging process

Software Engineering Fellow

Jul 2024 – Sep 2024

Headstarter AI

Hybrid

- Led frontend development for a free essay review web app using React, Tailwind, and Nextjs, facilitating 15 essay reviews for international students applying to U.S. schools within the first week of launch
- Integrated calendar, text messaging, and video conferencing features using FullCalendar, Twilio API, and WebRTC for real-time feedback and attracting 130+ users within one month of launching, exceeding projections by 75%
- Implemented and maintained a robust CI/CD pipeline on GitHub, ensuring seamless integration and deployment of code across teammates, which increased development and collaboration rates by 50%.

Software Engineering Intern

Mar 2023 – June 2023

University of Mines and Technology

Tarkwa, Ghana

- Developed and deployed a hostel booking web application for over 2,000 students, easing the booking process and increasing university enrollment by 60%.
- Spearheaded the development of a React and Tailwind CSS-based thesis submission web app, reducing average submission time by 30 minutes and decreasing user support tickets by 80%.

PROJECTS

Abofest-Online | *Python, Flask, React, PostgreSQL, Bootstrap, Docker*

[Link](#)

- Designed and launched a comprehensive website for the Aboakyer Festival, increasing online engagement by 100% and attracting 70+ unique visitors from 13 countries within the first month
- Integrated an accommodation booking service and real-time media streaming, increasing hotel bookings by 60% and boosting user engagement with cultural content by 30 minutes per session on average

Password Manager | *Python, pyperclip, SQL, Git*

[Link](#)

- Developed a robust password management system with JSON-based permanent storage, implementing AES-256 encryption to ensure data integrity and user privacy
- Built a time-efficient search engine using HashMaps / dictionaries and an in-built password generator
- Provided auto-fill and used the pyperclip library to automatically copy generated password to clipboard

EquiLearn | *Python, Beautiful Soup, API, Redis, Git, Github*

[Link](#)

- Developed a web scraping application using Beautiful Soup to curate the top 5 rated free online learning resources from 4 websites, benefiting 100+ underprivileged students and reducing course selection time by 70%
- Partnered a scholarship program in collaboration with GES to provide 10 fully-funded course access to qualified Ghanaian students on Udemey