

EMMANUEL ACHEAMPONG OPPONG

emmanuelopponga98@gmail.com ✦ +13182454129

github.com/emmaeng680 ✦ linkedin.com/in/emmanuel-oppong-612bb41b6/

EDUCATION

Grambling State University - Louisiana, USA

Bachelor of Science in Computer Science

Minor in Data Analytics

Graduating May, 2028

Full Scholarship

Relevant Coursework: Intro to Computer Science (Python), Intro to Data Analytics (R)

SKILLS

Programming languages: Python, Java, JavaScript, C, C++, PHP, TypeScript, Kotlin.

Experience with: React, React Native, HTML, CSS, Laravel, Flask, Django, Node.js, Express, MongoDB, SQL, GraphQL, Relay, Docker, Git, Sentry.io, Firebase, Cloudinary, AWS S3, Mercurial, GitHub.

PROFESSIONAL EXPERIENCE

ALX Software Engineering

Student intern

June, 2021 – February, 2024

Accra, Ghana

- Mastered C, Git, Bash, Python, and SQL, with a focus on Frontend web development using React, achieving a 90% project success rate.
- Collaborated with team members to develop and deploy scalable Node.js backends, boosting performance by 40% for our React frontends hosted on fly.io.
- Utilized Drizzle ORM and Neon Postgres to create SQL injection-proof databases, ensuring 100% data security and reducing query time by 30%.

Bismuth Media Advertising

Assistant Digital Marketing Specialist

February, 2019 - January, 2021

Kumasi, Ghana

- Spearheaded the creation and implementation of targeted social media campaigns, resulting in a 50% increase in engagement and a 35% boost in follower growth on major platforms.
- Developed and executed digital marketing content strategies. Increased organic site traffic by 80%

Young Achievers' Foundation

Information Technology Support Specialist

May, 2018 - December, 2019

Kumasi, Ghana

- Provided technical support for 1,000+ users, resolving 95% of issues within 24 hours, reducing downtime by 30%.
- Assessed and troubleshooted computer problems brought by students, faculty and staff
- Maintained upkeep of computers, classroom equipment, and 50 printers across campus

PROJECTS

EmmaLingo | React, Typescript, Drizzle ORM

<https://duolingo-clone-next-14.vercel.app>

- Fullstack Duolingo clone application built using Next.js, Neon and Drizzle ORM.
- Added AI generated sounds to make sessions highly interactive.

AlienBird | HTML, CSS, Javascript

<https://emmaeng680.github.io/Alienbird/>

- Designed a fully-responsive alien-themed version of the classic Flappy Bird game.
- Implemented interactive gameplay by adding sounds and gestures.

PyDo | React Native, Flask, SQLAlchemy

<https://www.youtube.com/watch?v=AgBdGbagDgM>

- Created database tables and relationships using SQLAlchemy and built API server with Python Flask.
- Built app frontend in React Native and implemented fetch requests to interact with backend API.
- Designed realtime Create-Edit-Delete methods for the articles management platform's API.