

# EBENEZER FRIMPONG

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## EDUCATION

### Springfield College

Bachelor's, Computer Science

January 2022 - May 2024

GPA: 3.8

- Relevant Coursework: Data Structure And Algorithms, Robotics, Objected Oriented Programming (Java), Machine Learning, Database development
- Awards & Honors: Presidential Scholarship (\$36,500 Scholarship), Dean's List
- Club & Affiliation: Colorstack, Men of Excellence

## CERTIFICATIONS

AWS Cloud Practitioner, Kubernetes for Beginners

## PROFESSIONAL EXPERIENCE

### Springfield College

Peer Tutor

Springfield, MA, USA

January 2023 - Present

- Offer study-time class tutoring to over 15+ students and conduct office hours available to over 100+ students, focusing on object-oriented programming (in Java)
- Develop extra lecture materials through Replit and Github to offer students more chances to enhance their programming skills.
- Assist students in enhancing their problem-solving abilities by breaking down intricate programming issues into manageable steps and urging them to think critically about problem-solving strategies and design patterns.

### Terra

Software Engineer Intern

Remote

May 2022 - August 2022

- Worked with a team of software developers to develop and maintain a web-based project management tool built in React, Redux and Node Js for the company's clients
- Participated in all phases of the software development life cycle, including requirements gathering, design, development, testing, and deployment
- Wrote clean, clear and well-tested code for various projects and collaborated effectively with members of the software development team and personnel in other departments.

## PROJECTS & OUTSIDE EXPERIENCE

### Flappy Bird Game

- Designed and developed a fully functional Flappy Bird game using HTML, CSS, and JavaScript. Implemented game mechanics using JavaScript, including bird movement, pipe generation, collision detection, and scoring system.
- Utilized HTML5 canvas for rendering graphics and animations, ensuring a smooth gameplay experience across different devices.
- Styled game elements with CSS to achieve a visually appealing and responsive user interface.
- Optimized game performance through efficient code structure and the use of modern JavaScript
- [Link to project](#)

### Peet-2-Peer chatroom

- Implemented a distributed peer-to-peer chat room for multi-user without a central server
- Integrated threading to allow high degree availability and reliability for both ground messaging and direct messaging while persisting data to the database
- Integrated a sound notification system which triggers when there is an income message
- [Link to project](#)

### Nike Lading Page

- Developed a responsive Nike landing page using React.js, Next.js, TypeScript, and Tailwind CSS, following design specifications and brand guidelines
- Utilized Tailwind CSS utility-first framework to rapidly style components, achieving pixel-perfect design and consistent UI across different screen sizes.
- Leveraged React.js to create reusable components for modular and maintainable codebase, enhancing development efficiency and scalability.
- [Link to project](#)

### Hotel Management App

- Built in Java using Hibernate, Tomcat server, MySql Database and Java Server Pages (JSP)
- Wrote functions that allows,, check-ins/checkouts, retrieve guest information from database and guest services pre and post-stay, rooms availability, set pricing, and print check-out receipt in pdf.
- [Link to project](#)

## SKILLS

**Skills:** Git, HTML/CSS, Java, Python, springboot, React.js, JavaScript, Java, C++, AWS, Firebase, Kotlin, Bash, TypeScript, Data Structures & Algorithms, Redux.js, Kubernetes, Next.js, Docker, Dart, Express.js, Flutter