Nana Kofi Okae

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EDUCATION

Virginia Commonwealth University   Richmond, VA
Bachelor of Science in Computer Science   *Expected 2024*

TECHNICAL SKILLS

Languages: Java, SQL(Postgres), JavaScript, HTML/CSS
Frameworks: React.js, Node.js, Express.js,
Developer Tools & Technologies: Figma, Git, VS Code

WORK EXPERIENCE

Product Design Thrive Intern   June 2023 - August 2023
Duolingo   *Pittsburgh, PA*
- Designed a hands-free experience for the Duolingo learning app in a collaborative team of 2.
- Led internal UXR interviews, rectifying design errors and optimizing user experience.
- Actively participated in design critiques, leveraging feedback for iterative improvements
- Mentored by diverse professionals including Designers and PM's

Software Engineering Intern   June 2022 - August 2022
Salesforce   *San Francisco, CA*
- Designed and developed a web application that provided interactive internet-security teaching to users.
- Leveraged knowledge in Full Stack web development with React.js, Express.js, Node.js, PostgreSQL, and Git.
- Participated in agile practices such as daily stand-ups and weekly sprint demo meetings.
- Received mentorship from software engineering professionals at Salesforce.

LEADERSHIP EXPERIENCE

Computer Science Student Advisory Board - Secretary   January 2022 - Present
Virginia Commonwealth University   *Richmond, VA*
- Providing feedback and coordination between VCU Computer Science Department and faculty.
- Organizing communication between Computer Science Department.
- Providing mentorship to incoming and current freshmen students.

PROJECTS

DuoSings | *Figma, TTS, UXR*   Summer 2023
- Developed a hands-free audio-guided singing feature for Duolingo app to enhance language fluency and user experience.
- Created a scaffolded learning session to effectively teach learners the lyrics
- Incorporated Duolingo characters to amplify learner assurance and motivation.

Flik | *React Native, Native-base, Firebase, Git*   Shellhacks 2022
- Developed a social media mobile app using React Native and Firebase where users can post pictures and interact with each other.
- Implemented user authentication feature using Firebase, resulting in a seamless registration and login process while maintaining a high level of data security.
- Presented and demoed to judges in-person at FIU - Shellhacks 2022.

SecuriTEA | *PostgreSQL, Express.js, React.js, Node.js, Git*   Summer 2022
- Developed a full-stack web application with Express/Node.js serving a REST API with React.js as the frontend.
- Implemented multiple features such as interactive phishing email simulations.
- Created unit tests using JEST and tested API endpoints using Postman.
- Created and assigned tickets to team members using GitHub Projects.