**OSEI ROY JAKE SARFO**

[Royjake.com](https://royjake.onrender.com/) | [royjake629@gmail.com](mailto:royjake629@gmail.com) | [GitHub](https://github.com/RoyJake)

**Summary**

A dedicated computer science graduate with a strong academic foundation in artificial intelligence and software development. React developer with 4+ years of experience building cutting-edge web applications. Thrives in fast-paced environments and enjoys tackling complex challenges. Strong foundation in front-end development with expertise in React, Redux, and modern JavaScript. Also passionate about advancing knowledge through research.

**Skills**

**Programming Languages:** Java, Python, JavaScript (TypeScript)

**Tools and Technologies:** Node.js, Next.js/React.js, Express.js, MySql

**Soft Skills:** Teamwork, Debugging, Performance Optimization, Problem-Solving

**Web Projects**

* [Qrates (music on physical things distribution platform)](https://qrates.onrender.com/)
* [TheFigmaStore (Next.js project)](https://the-figma-store.vercel.app/)
* [Ableton](https://ableton.onrender.com/)

**Academic Project**

[Emotion-Based Security Surveillance System](https://github.com/RoyJake/surveillanceFER-2023-.git)

*KNUST, August 2023*

* Developed an AI-powered surveillance system to identify potential security threats by analyzing real-time facial expressions.
* Implemented machine learning models using Python and TensorFlow.

**Awards and Honors**

* Ghana Secretariat Scholarship Recipient

**Education**

[Bachelor of Science in Computer Science](../OSEI%20ROY%20JAKE%20SARFO_Certificate.pdf)

*Kwame Nkrumah University of Science and Technology (KNUST)*

November 2023

* [Graduated with Second Class (Upper Division) - Transcript](../ROY%20JAKE%20SARFO%20OSEI-KnustTranscript-OR1674F7B1.pdf)
* Relevant Coursework: Introduction to Artificial Intelligence, Data Structures and Algorithms, Pure Mathematics