Kingsley Okon, Software Engineer

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LINKS

EDUCATION

Sep 2018 — Present	**B.Eng., Spec. Hons. - Software Engineering (Cyber-Security stream), Expected 2024, York University**	Toronto, ON

- B.Eng., Spec. Hons. in Software Engineering (Cyber-Security stream) by 2024
- *Relevant Coursework*: Engineering Project, Software Engineering Testing/Requirements, Mission Critical Systems, Algorithm Design & Analysis, Computer Security Laboratory, Computer Network Protocols & Applications etc.

Jan 2016 — Jun 2017	**Ontario College Diploma - Electronics Engineering Technician, Centennial College**	Scarborough, ON

- Diploma in the Electronics Engineering Technician Program
- *Relevant Coursework*: C/C++ Programming, Micro-controller Programming & Interfacing, Digital Systems, RF Communications, System Integration, Quality Control & Technician Project, Electronics Circuits, Electric Circuits.

Sep 2009 — Apr 2015	**Secondary School certificate, Rainbow College Boarding School**	Maba, Ogun State, Nigeria

- Completed my WAEC with 9/9 distinctions
- Captained the Rainbow College football team in 2015
- Ran track for the Rainbow college track team

EMPLOYMENT HISTORY

Jul 2022 — Present	**Undergraduate Research Assistant, EXINES lab at Lassonde School of Engineering, York University**	Toronto, ON

- Leveraged data mining techniques to identify patterns and anomalies in open source marketplaces, generating valuable insights.
- Assisted in compiling and documenting research findings, contributing to the identification of emerging trends and market dynamics.

Apr 2022 — Present	**Co-Founder & Software Engineer, Blens (blens.ca)**	Toronto, ON

- Co-founded Blens, a startup empowering creatives with innovative tools to maximize their craft.
- Played a key role in Blens' inception and strategic planning, shaping its mission and vision.
- Developed initial system documentation and design for Blens, facilitating continuous platform iteration and improvement.
- Contributed to full-stack development of a dynamic website for Blens, enhancing user experience with features for showcasing and managing creative services and portfolios.
- Collaborated with the founding team for flawless integration of components, ensuring platform stability and performance through rigorous testing and deployment.

Jan 2023 — Apr 2023	**Software Research Assistant - GUI-Based APT Database (GBAD), SecRAY Lab, Lassonde School of Engineering, York University**	Toronto, ON

- Developed data retrieval scripts for efficient synthesis of APT group profiles from the MITRE ATT&CK CTI database.
- Collaborated with a cross-functional team to integrate data retrieval scripts into the GBAD software framework, enhancing access to APT group profiles and targeting information via a user-friendly GUI.

Sep 2022 — Apr 2023	**Software Engineering Lab Assistant, Lassonde School of Engineering, York University**	Toronto, ON

EECS4312 Software Engineering Requirements

- Evaluated and provided feedback on student assignments, fostering improved understanding and academic growth.

- Fostered a supportive learning environment through student engagement, promotion of academic integrity, and exam compliance monitoring.

| Nov 2017 — Nov 2018 | **Smartphone Repair Technician, Samsung Canada** | Toronto, ON |

- Restored phone functionality within an hour by expertly replacing defective components, ensuring prompt customer service.

SKILLS

Software Engineering	Git
SQL	PHP
Research	C/C++
Java	MySQL
HTML/CSS	NextJs
Python	Firebase
JavaScript	AdonisJs
TypeScript	Docker
Node.js	PostgreSQL
React/React Native	Smartphone Repair
Ruby on Rails	Hardware Troubleshooting

PROJECTS

| Sep 2022 — Apr 2023 | **NotePredict (Capstone Project)** | React, Javascript, Python |

- Developed NotePredict, a capstone web app that optimizes Jupyter notebook organization using deep learning, enhancing efficiency for data scientists and researchers.
- NotePredict allows users to upload a notebook, sorts it, and returns the sorted notebook with a readability score.

| Jan 2023 — Apr 2023 | **Help desk app (Computer security Project)** | React, Typescript, Node.js |

- Contributed to the development and testing of a secure Help Desk App, enhancing client-admin communication and improving app reliability and user experience.

Personal Portfolio Website   React, Firebase, SCSS

- Built a personal portfolio website using React and SCSS to practice my web development skills.

Express Parking   Java, Java Swing

- Developed an application to automate parking booking and management, streamlining processes for users and parking authorities.

LEADERSHIP

Head Boy   Rainbow College

- Served as Head Boy for the Rainbow College class of 2015, representing and overseeing the well-being of over 800 students.