Kelvin Odinamadu

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Organization: VIAVI Solutions,

Title: Software AI/ML Development Co-op,

Address: Ottawa, Ontario, Canada.

Date: March 20, 2023.

Dear VIAVI Solution Recruiting Team,

My name is Kelvin Odinamadu, and as a third-year Computer Science co-op student seeking my third work term, I am excited to apply for the Software AI/ML Development Co-op with the AI Platform team for May 2023 with VIAVI Solutions. As an innovative team that develops Machine Learning solutions for business issues, VIAVI aligns perfectly with my passion for data analytics and building quality software application. Through my academic studies and work experience, I have developed a strong proficiency in practical data analysis using statistical software, Data Structures and Algorithms, and data visualization tools. I have also gained practical experience in database schema development and SQL through an Intro to Database Systems course at Brock University.

In my previous co-op experience as a Technical Analyst with the Ontario Ministry of Transportation, I analyzed complex data sets using Sharegate and Microsoft Excel for public data retention policy updates using Microsoft 365 and Azure DevOps. Through my experience working in an Agile team, I gained expertise in modern development methodologies and industry best practices, resulting in the delivery of high-quality solutions within budget and on time. One project I'm particularly proud of is an innovative software solution that streamlined the recruiting process and won the 3rd OPS annual Microsoft Power Platform Hackathon. This solution not only demonstrated my technical skills but also my ability to collaborate effectively towards a common goal. By effectively multitasking in a fast-paced environment, I ensured that all project deadlines were met. I'm excited to leverage these skills to help support the Machine Learning team at VIAVI Solution and make a valuable contribution to the company's continued success.

As a Web Application Developer co-op, I developed an enterprise internal application using .NET framework Web API in C#. The application enabled efficient management of image data uploaded from the front end by directing it to a specific location while also collecting critical information such as barcodes and numbers. The application's front-end UI was developed using TypeScript Angular, and I gained diverse experience in multiple aspects of Web Application development and best practices through this project. To ensure that the Web API met the required quality standards, I thoroughly tested its endpoints using Postman and Swagger UI. This testing approach enabled me to identify and correct any issues before integrating the API with the front-end, resulting in a robust and reliable application. With a strong attention to detail, problem-solving skills, and a keen interest in Software Engineering, I am eager to apply my knowledge and make a meaningful contribution to VIAVI Solution.

Thank you for considering my application, and I look forward to the opportunity to contribute to the team's success.

Sincerely,

Kelvin Odinamadu