CAV Talent Catalyst Pilot Program
Success Story: John Ameh

The Story

John Ameh is an IT professional with eight years of work experience who migrated to Ottawa, Canada in November 2019. John got his master's degree in the UK specializing in data science. While he was studying for his master's degree, John was exposed to the application of machine learning techniques, and that really grew his interest in machine learning.

Driven by his newfound passion when he heard about the CAV Talent Catalyst Program, John decided to join. John wanted to broaden his knowledge and learn about future and emerging technology in the autonomous vehicle sector with the hopes of gaining employment in this field.

The Obstacle

Although John was very interested in Connected and Autonomous Vehicles (CAVs), he lacked a clear pathway on how to progress in this field. He lacked awareness on the kind of education he needed to get and what type of work experience would help him be successful in gaining employment in this field.

John believed this program would help him get his foot in the door and get connected with the right people and right programs to help him further his career in this specialization.

The Solution

The solution was to apply to the CAV Talent Catalyst Pilot program, and John didn't realize before he began how much information he was going to learn. He met instructors who were a wealth of knowledge, got to know businesses that specialized in this technology, and learned about books and other resources he could get to help him learn more about connected and autonomous vehicles.

The program proved to be beneficial as he met people in this field and learned about the Amazon web service certification that specializes in machine learning. Amazon is committed to CAVs as the future of work, and they have certification exam prep material and study modules to help participants successfully pass the exam.

Time management in the program proved to be challenging as there was so much valuable

information to absorb, but John kept on pace reminding himself of the end goal to stay motivated. Since completion of CAV Talent Catalyst Program, John has created a foundation of learning to now explore further on his own, including research papers and upcoming conferences.

The Update and the Future

The curriculum was a huge benefit to not only learn about CAVs, but also about 5G technology. The program went through how 5G technology works and how 5G is software-driven. John's skills are in computer science, but the 5G component of the program lead him to understand how he should focus on 5G as well.

John found the 5G portion of the program interesting as he did not have knowledge in that space before. It helped John see how he could tailor his efforts around learning about that niche to see if he could gain employment in that field.

Testimonial

"I am passionate in the application of machine learning skills in solving problems. My keen interest is in its application in the Automotive space. This interest propelled me to attend the CAV Talent Catalyst Program offered by Invest Ottawa, specifically the Connected Automated Vehicle, 5G and Cyber Security sessions. Overall, I will say it was good and a timely exposure to broaden my scope, access quality resources, meet people and get acquainted with current trends in the field. I was inspired by the program to pursue the AWS Certification with a specialty on Machine Learning which I hope to take in October. I was also inspired by the Invest Ottawa program to explore academic papers on connected and automated vehicles via Google scholar." - John Ameh

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John Ameh

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