Yanushka Gnanamuttu, EIT

Email: [yanu.gnan@gmail.com](mailto:yanu.gnan@gmail.com) | GitHub: [YanuG](https://github.com/YanuG) | Linkedlin: [ygnanamuttu](https://www.linkedin.com/in/ygnanamuttu/) | Phone: 905 – 447 - 2734

# Objective

Seeking full time employment as an embedded systems software engineer.

# Experience

## Software Developer | Sensors & SOftware | May 2019 - Present

* Developed applications, tools and processes to deploy and configure ground penetration radar (GPR) software
* Maintained and expanded the application’s sensors API that uses various interfaces such as I2C, TCP/IP, IPC and Ethernet on a real time operating system (RTOS)
* Utilized encryption algorithms to package our application
* Efficient in creating CI workflows in a cloud environment using Docker and GitHub
* Work along side the project management team to debug customers systems and issues
* Wrote closing documentation, project proposals and technical documents

## Software Anaylst Intern | Thales | May 2018 – August 2018

* Assisted with the implementation of autonomous train positioning solutions and vehicle detection
* Improved the performance of the image processing code through multithreading and targeting the GPU
* Enhanced the image quality of the camera, and implemented real-time adaptive lighting

## IT Developer Intern | TD BAnk | May 2017 – August 2017

* Created and deployed automated testing scripts using Selenium and JUnit to notify a team of developers when errors exist within TeamSite
* Applied Agile Methodologies

# Skills

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Languages | | Platforms/Tools | | |
| * C++ * Python | * Javascript * Bash | * Git * Linux (Yoctco) | * ROS * CMake | * Docker * RTOS |

# Education

## Bachalor Of Applied Science | May 2019 | University of Ottawa

* Major: Computer Engineering