

Jaivin James

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Objective

Result oriented and passionate computer engineer with experience in Python programming and computer vision. A dedicated smart worker with problem solving skills and research interests.

Work Experience Summary

- Possess **3 Years** of professional IT experience.
- Experienced in developing and maintaining **computer vision** applications (Face detection, Human & Vehicle Detection, Retail etc.)
- Hands on experience in **OpenCV** and **Python (Numpy, Pandas, Scikit-learn, Matplotlib)**
- **Documentation** of relevant ReadMe files on GitHub and acquired Intel's **Content Publisher** Access to post articles on their public forum.
- Experienced as **Technical Consultant** solving queries on public forum of an AI toolkit (Intel OpenVINO toolkit).
- Well versed with **Machine Learning algorithms**.
- Created **UAT test cases**, organized and facilitated UAT testing, tracked test results, and worked with the scrum master and agile team to resolve issues.

Skills

Technical

- **Programming Languages:** Python, C++ and C
- **Technology:** Computer vision, Machine Learning and Fundamentals of RPA
- **Modelling Concepts:** K-NN, Naive Bayes, Logistic Regression, Decision Trees, Random Forests, Ensemble, Principal Component Analysis
- **Operating Systems:** Ubuntu & Windows
- **Methodologies:** Agile (Jira)

Non-Technical

- Project Management
- Multi-tasking and negotiation
- Customer service
- Documentation and Reporting
- Issue resolution

Technical Expertise

▣ Software Engineer

Project : Computer Vision applications to leverage OpenVINO toolkit
Organization : Wipro Technologies, Bangalore
Duration : April 2018 – Nov 2019 and June 2020 - May 2021
Responsibility : Design, Develop, Test and Maintain computer vision applications

- **Development** and maintenance of Reference Implementations (RIs) to showcase various use cases of Intel OpenVINO Toolkit. The RIs (**Python** and **C++**) are computer vision applications capable of detecting and analysing the objects from a video file or image.
- Demonstrate how to integrate **deep learning inference** into applications with simple console applications.

➤ Technical Consultant Engineer

Project : Intel AI Forum Technical Support
Organization : Wipro Technologies, Bangalore
Duration : Dec 2019 – May 2020
Responsibility : Test, Resolve issues and Document articles

- Debug the issues reported such as for DL model training and conversions, API usage etc.
- Guide the user with necessary steps to resolve the issue.
- Raise tickets and track in Jira when bugs are encountered.
- Publish relevant articles on the public forum upon new releases of the toolkit.

Education

- PG Diploma Aug 2017 – Feb 2018

In Embedded Systems Design from C-DAC

- Bachelor of Technology Jul 2013 - Jun 2017

In Electronics & Communication from Calicut University - CGPA of 7.1