**Quinn Meyer**

[Website](https://quinnmeyer.com) || [LinkedIn](https://www.linkedin.com/in/quinn-meyer-27b4b51a3/) || [GitHub](https://github.com/Kwintonium)

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| ***2604137437*** | ***qmeyer1995@gmail.com*** | ***Saginaw, MI*** |

**EDUCATION**

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| **Master of Science, Data Analytics**  *Graduated October 2022*  **Bachelor of Science, Mechanical Engineering**  *2014-2018* |  | **Western Governor’s University**  *Salt Lake City, UT*  **Purdue University**  *West Lafayette, IN* |

**SKILLS**

**Programming Languages:** Python, SQL (Postgres), MATLAB

**Python Packages:**, Jupyter,Numpy, Pandas, Scikit-Learn, OpenCV, Pillow, Plotly, Matplotlib, Tensorflow, Keras

**Tools & Methodologies:** Machine Learning, Deep Learning, Tableau, Git, Jira, ETL, NLP, Microsoft Office

**EXPERIENCE**

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| **Aptiv** | Troy, MI |
| Camera Systems Engineer | September 2018 – April 2022 |

* Lead developer of Aptiv’s intrinsic calibration and validation software
* Technical lead for the launch of Aptiv’s 5-million-dollar intrinsic calibration manufacturing process
* Built image quality software for validation and end-of-line manufacturing tests
* Developed deep learning models using Tensorflow / Keras to detect and segment camera targets in highly distorted raw images
* Implemented white paper algorithms in Python to assess various image quality metrics
* Collaborated with a small team of engineers to develop a custom camera alignment machine (software + hardware)
* Created testing procedures to measure optical quality of cameras according to customer specifications
* Built image processing pipelines using raw image data to extract key features
* Developed classification models to predict camera’s passing or failing optical tests based on build data

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| **Rolls-Royce** | West Lafayette, IN |
| Capstone Project | Spring 2018 |

* Worked with a small team of engineers to design, source, fabricate, code, and launch a robust automated test fixture for simulating the forces distributed onto a jet turbine in under six months
* Deployed the project 25 percent under budget and ahead of scheduling with the text fixture currently being used in the Rolls-Royce research and development facility in West Lafayette