

JOHNSON PAKU

Mt Wellington, Auckland | 022 587 3767 | j.r.paku@hotmail.co.nz

[GitHub](#) | [Linkedin](#)

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|-------------|---|------------------------------|
| SUMMARY | A recent graduate in Bachelor of Software Engineering (AI) looking for full time role. Strong coding skills and interested in ML/AI and data analytics , Open to learn various technical roles such as Cloud Computing infrastructure and pipelines with working knowledge of SQL, REST API | |
| EDUCATION | Media Design School | Feb 2019 – Dec 2022 |
| | Bachelor of Software engineering, AI | |
| | Manukau Institute of Technology | Feb 2010 – Dec 2011 |
| | Entry Level Engineering | |
| EXPERIENCE | Data Science/AI Intern | Jul 2022 – Nov 2022 |
| | Datacom, Auckland | |
| | <ul style="list-style-type: none">• Spatial analytics project to analyse people's foot traffic in office• Built a WIFI probing device and Fisheye lens camera person detection with Raspberry PI to collect data• Built Azure data pipeline - process, visualize on PowerBI• Project manager in team of 4 students | |
| | Research Assistant | Nov - 2022 - Feb 2023 |
| | Media Design School, Auckland | |
| | <ul style="list-style-type: none">• Investigating data augmentation as a method to train visual recognition for indigenous data. | |
| SKILLS | Programming: SQL, Python(Scikit-learn, Tensorflow, Keras, Pandas), C++(UnrealEngine, OpenGL), C#(.Net, forms) Visualization: Streamlit, Power BI, Seaborn, Plotly Modelling: Linear Regression, Logistic Regression, KNN, Decision Trees, Random Forest, Naive Bayes, CNN, LSTM, PCA, NLP Database: Azure, SSMS, MySQL | |
| PROJECTS | Cluster Image Segmentation (Jupyter Notebook) | Mar 2022 |
| | <ul style="list-style-type: none">• K-means and Fuzzy-C-Means clustering• Image data and Computer Vision | |
| | Cloth Game Simulation (UnrealEngine) | Jun 2022 |
| | <ul style="list-style-type: none">• UI interface with functional cloth tools eg. e.g. “push”, “pull”, “pin”• Particle and constraint physics system | |
| | Anomaly Detection - Weather data (Jupyter notebook) | Jul 2022 |
| | <ul style="list-style-type: none">• Anomaly detection using DBScan• Inference summary with data visualization | |
| INTERESTS | Te Reo Māori Physical health | |
| AFFILIATION | Member, The Peers Unlimited Club Student Exemplar Project (2022), Media Design School Datacomp(Hackathon) AI EnviroHack(Hackathon) | |