

JOHNSON PAKU

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

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

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 Datacomp2022 (Hackathon) AI EnviroHack (Hackathon)	