

JOHNSON PAKU

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[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, SVM, Naive Bayes, K-Means, PCA, NLP, CNN Database: Azure, SSMS, MySQL	
PROJECTS	Cluster Image Segmentation (Jupyter Notebook)	Mar 2022
	<ul style="list-style-type: none">• UI interface with functional cloth tools eg. e.g. “push”, “pull”, “pin”• Particle and constraint physics system	
	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	Libraries: sklearn, IsolationForest, DBSCAN, seaborn, pandas	
	Te Reo Māori	
	Physical health	
AFFILIATION	Member, The Peers Unlimited Club Student Exemplar Project (2022), Media Design School Datacomp2022 (Hackathon) AI EnviroHack (Hackathon)	