

JOHNSON PAKU

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

[GitHub: jpaku93](#) | [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	
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	
PROJECTS	<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• Selected as team lead of 4 students	
	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	
	Libraries: sklearn, IsolationForest, DBSCAN, seaborn, pandas	
	Research Assistant	Nov - 2022
	Media Design School, Auckland	
SKILLS	<ul style="list-style-type: none">• Investigating data augmentation as a method to train visual recognition for indigenous data.	
	Python, C, MySQL, SSMS	
INTERESTS	Microsoft Azure, Power BI, Unity, Unreal Engine	
	Github, RaspberryPI, Linux	
AFFILIATION	Te Reo Māori	
	Physical health	
	Member, The Peers Unlimited Club	
	Student Exemplar Project (2022), Media Design School	
	Datacomp2022 (Hackathon)	
	AI EnviroHack (Hackathon)	