

# 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. <b>Strong coding skills</b> and interested in <b>ML/AI</b> and <b>data analytics</b> , Open to learn various technical roles such as <b>cloud computing infrastructure</b> and pipelines with working knowledge of <b>SQL, REST</b>	
EDUCATION	<b>Media Design School</b>	<b>Feb 2019 – Dec 2022</b>
	Bachelor of Software engineering, AI <b>Manukau Institute of Technology</b>	<b>Feb 2010 – Dec 2011</b>
EXPERIENCE	<b>Entry Level Engineering</b>	
	<b>Data Science/AI Intern</b>	<b>Jul 2022 – Nov 2022</b>
PROJECTS	Datacom, Auckland	
	<ul style="list-style-type: none"><li>• Spatial analytics project to analyze people's foot traffic in office</li><li>• Built a WIFI probing device and Fisheye lens camera person detection with Raspberry PI to collect data</li><li>• Built data pipeline - process, visualize on PowerBI</li><li>• Selected as team lead of 4 students</li></ul>	
	<b>Cluster Image Segmentation</b> (Jupyter Notebook)	<b>Mar 2022</b>
	<ul style="list-style-type: none"><li>• UI interface with functional cloth tools eg. e.g. “push”, “pull”, “pin”</li><li>• Particle and constraint physics system</li></ul>	
	<b>Cloth Game Simulation</b> (UnrealEngine)	<b>Jun 2022</b>
	<ul style="list-style-type: none"><li>• UI interface with functional cloth tools eg. e.g. “push”, “pull”, “pin”</li><li>• Particle and constraint physics system</li></ul>	
SKILLS	<b>Anomaly Detection - Weather data</b> (Jupyter notebook)	<b>Jul 2022</b>
	<ul style="list-style-type: none"><li>• Anomaly detection using DBScan</li><li>• Inference summary with data visualization</li></ul>	
	Libraries: sklearn, IsolationForest, DBSCAN, seaborn, pandas	
INTERESTS	<b>Research Assistant</b>	<b>Nov - 2022</b>
	Media Design School, Auckland	
AFFILIATION	<ul style="list-style-type: none"><li>• Investigating data augmentation as a method to train visual recognition for indigenous data.</li></ul>	
	Python, C, MySQL, SSMS	
AFFILIATION	Microsoft Azure, Power BI, Unity, Unreal Engine	
	Github, RaspberryPI, Linux	
AFFILIATION	Te Reo Māori	
	Physical health	
AFFILIATION	Member, The Peers Unlimited Club	
	Student Exemplar Project (2022), Media Design School	
	Datacomp2022 (Hackathon)	
	AI EnviroHack (Hackathon)	