JOHNSON PAKU

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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**

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

- 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 project manager in team of 4 students

PROJECTS

Cluster Image Segmentation(Jupyter Notebook)   **Mar 2022**
- UI interface with functional cloth tools eg. e.g. "push", "pull", "pin"
- Particle and constraint physics system

Cloth Game Simulation (UnrealEngine)   **Jun 2022**
- 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**
- Anomaly detection using DBScan
- Inference summary with data visualization

Libraries**:** sklearn, IsolationForest, DBSCAN, seaborn, pandas

Research Assistant   **Nov - 2022**
Media Design School, Auckland

- Investigating data augmentation as a method to train visual recognition for indigenous data.

SKILLS

Python, C, MySQL, SSMS
Microsoft Azure, Power BI, Unity, Unreal Engine
Github, RaspberryPI, Linux

INTERESTS

Te Reo Māori
Physical health

AFFILIATION

Member, The Peers Unlimited Club
Student Exemplar Project (2022), Media Design School
 Datacomp2022 (Hackathon)
AI EnviroHack (Hackathon)