



JIM JIAN

SOFTWARE ENGINEER AND DATA ANALYST

CONTACTS

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Auckland, New Zealand

SUMMARY

Aspiring Software Engineer and Data Analyst with a solid foundation in software engineering principles, soon to graduate with a Bachelor of Information Sciences from Massey University. I am a passionate, quick learner leveraging over 15 years of IT industry experience in project management, data-driven decision-making, and cross-functional collaboration at global companies like Fisher & Paykel, Sony, and Lenovo. My recent academic focus on Artificial Intelligence, Machine Learning, and Cloud Computing complements my business acumen, enabling me to bridge the gap between technical solutions and strategic business goals. I am eager to apply my unique blend of technical skills and professional experience to a dynamic software development or data analysis team.

PROJECTS

Campus Event Management Platform | Group Full-Stack Project

2025

Massey University

As a Team Leader and Backend Developer, I led a project team using Agile methodology to develop a full-stack event management web application for university use. My responsibilities included timeline management, progress reporting, and providing technical guidance to team members.

I co-designed the system architecture, developed RESTful APIs using Django, designed the PostgreSQL database, and implemented admin dashboards with approval workflows. The tech stack included Python (Django), PostgreSQL, React/Vue.js, Firebase, and Docker. Additional feature planning included QR code ticketing and an AI assistant.

- The project received positive feedback from the professor.

Airbnb Price Prediction & Data Analysis | Data Science Project

2024

Massey University

- **Technologies:** Python, Scikit-learn, Pandas, Statsmodels
- Developed predictive models (Linear Regression, KNN, ARIMA) to forecast Airbnb listing prices.
- Performed comprehensive data preprocessing, including handling missing values and engineering lag features to enhance model performance.
- Created data visualizations of price distributions and time-series trends to extract key insights from the data.
- Authored a well-structured notebook and a detailed data analysis report, achieving a final project grade of **86/100**

Android SMS Fraud Detection App | Solo Mobile Development Project

2024

Massey University

- **Technologies:** Android (Java/Kotlin), RecyclerView
- Independently designed and developed an Android application with the goal of helping users identify potentially fraudulent text messages.
- Implemented core SMS functionalities, including requesting permissions, reading all messages, and displaying them efficiently using a RecyclerView.
- Successfully built features for searching through existing messages and replying directly from the application's interface.
- The project was recognized for its good concept and well-structured code, earning a grade of **22/30**.



EDUCATION

Massey University

Bachelor of Information
Sciences (Software
Engineering)

New Zealand 2023

- Massey University, New Zealand | - Present
- Key Courses: Artificial Intelligence, Data Wrangling and Machine
- Learning, Algorithms and Data Structures, Mobile Application
- Development, Internet of Things and Cloud Computing, Technology
- Project Management

University of Northumbria

Higher National Diploma in
Computer Studies

Uk 1999 - 2002



TRAINING / COURSES

Cambridge English Certificate

Lsi

The professional course of international procurement |

ShenZhen, 2006



SKILLS

Agile · ARIMA · C/C++ ·
Data Structures · Django · Docker ·
Figma · Git · GitHub · Google Firebase ·
HTML · IAM · IoT · Java · JavaScript ·
KNN · Kotlin · Linear Regression ·
Numpy · Pandas · PostgreSQL ·
PyCharm · Python · React · REST ·
Scikit-Learn · SQL · Vue.js



PROFESSIONAL EXPERIENCE

Fisher & Paykel

Auckland

Sourcing Specialist

2016 - 2018

- Sourcing Specialist | Fisher & Paykel | Auckland
- Project Lifecycle Management: Drove New Product Introduction (NPI) sourcing programs from initial design concepts through to production launch
- Project Lifecycle Management: Drove New Product Introduction (NPI) sourcing programs from initial design concepts through to production launch
- Data-Driven Decision Making: Provided complex and sophisticated data analysis to drive quick and correct sourcing decisions, and reconciled product costs with target/forecasted costs
- Cross-Functional Collaboration: Acted as the key business interface for managing supplier relationships and interacted with all levels of cross-functional teams

Sony Mobile

Beijing

Senior Strategic Buyer

2009 - 2015

- **Cost Optimization:** Drove cost-down and cost-out activities towards suppliers and internal stakeholders through supplier negotiations and price reviews.
- **Process Improvement:** Actively participated in internal process development projects and other improvement activities.
- **Supplier Management:** Handled all sourcing matters in product development projects, fostered strong supplier relationships, and monitored supplier performance.

Lenovo Ltd.

Beijing

Global Commodity Manager

2007 - 2009

- **Market Data Analysis:** Captured and analyzed market data and information (e.g., pricing, market trends) to inform procurement decision-making and planning.
- **End-to-End Procurement:** Managed procurement lifecycles, including sourcing, contract composition, negotiation, and manufacturing material forecast analysis.
- **Vendor Assessment:**
Carried out quarterly vendor assessments using a scorecard to evaluate performance in terms of goods quality, delivery capacity, and timing.