

# Nikhara (Niki) Inderlal Resume

Macquarie Park, New South Wales

## PROFILE

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Analytical and detail-oriented graduate with a Bachelor of Science in Mathematics and a Minor in Statistical Modelling from Macquarie University. Excels in the application of mathematical modelling, business statistics, and data analysis to generate actionable insights using tools such as Excel, Python, R, SQL, and Tableau. Skilled in translating complex data into clear, impactful solutions, with proven strengths in collaboration, problem-solving, and effective communication. These skills align directly with the dynamic data analytics role, reflecting a commitment to leveraging data for meaningful decision-making. Dedicated to continuous learning and eager to contribute to innovative projects in a growth-oriented environment.

## EDUCATION

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### **Bachelor of Science Degree with a Major in Mathematics and Minor in Statistical Modelling**

#### **Macquarie University | Feb 2021 – Dec 2022**

- Achieved a Distinction level Weighted Average Mark (WAM) of 83.6 (GPA 6.3), due to receiving 5 High Distinctions and 3 Distinctions.
- Awarded a Certificate of the Highest Achievement in a Unit of Study for MATH3599 PACE\*: Professional Practice for Mathematical Sciences.

*[\* PACE is a mandatory unit in all Macquarie Bachelor degrees. It involves practical learning to explore economic, social, and ethical challenges and how organisations tackle them. Students contribute their knowledge and ideas to support their host organisation's mission.]*

## COURSERA CERTIFICATIONS

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- SQL for Data Science [2021]
- Programming for Everybody (Getting Started with Python) [March 2022]
- Excel Skills for Data Analytics and Visualization [2023]
- Fundamentals of Visualization with Tableau (with Honours) [2023]
- Essential Design Principles for Tableau [2023]

## SKILLS

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- Proficient in Microsoft Office, LaTeX, Adobe Tools.
- Intermediate skills in MATLAB, R language, RStudio.
- Beginner skills in SQL, Python, and C++.
- Data Analysis and Visualization
- Data Entry, Accuracy and Problem Solving
- Statistical and Mathematical Modelling
- Communication and Collaboration
- Time Management and Organizational Skills
- Adaptability and Quantitative Analysis
- Attention to Detail and Analytical Thinking

- Teaching and Instruction
- Student Engagement and Feedback
- Work Ethic and Customer Service

## PROFESSIONAL EXPERIENCE

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### **Lead Sessional & Teaching Associate**

#### **Macquarie University | Feb 2024 – Present**

- Facilitate Workshops for Business Statistics & Insights, providing hands-on training in utilizing MS Excel for data visualization, dashboard creation, business analysis, hypothesis testing and Linear Regression.
- Demonstrated proficiency in data entry and accuracy by recording and calculating exam marks in Excel, ensuring precise totals and alignment with physical records.
- Collaborate with faculty to support administrative responsibilities, ensuring smooth operation of the course. Marking and moderating assessments. Engage in active communication and coordination with teaching associates and students, fostering a conducive learning environment.
- Provide timely responses to inquiries via forums and administrative email, ensuring clarity and support.
- Facilitate small group classes for Calculus and Linear Algebra I.

### **Teaching Associate**

#### **Macquarie University | Feb 2023 – Jun 2023**

- Instructed and guided First-Year Students from the School of Mathematical and Physical Sciences
- Enhanced students' practical understanding of statistical analysis by actively demonstrating the application of Microsoft Excel to various data sets.
- Created an engaging environment that enabled a positive learning experience while addressing individual students' questions and concerns.

### **Telecommunications Engineer (Part-Time)**

#### **Optimized Routing Solutions Pty Ltd | Mar 2016 to Jun 2021**

##### Key Responsibilities:

- Managed the live international telecommunications switching infrastructure on a part-time basis.
- Analysed capacity requirements on the global network during part-time employment.
- Prepared monthly stock reports on voice network closing and opening balances.
- Monitored live faults and escalated them to senior management.

##### Key Achievements:

- Achieved the highest daily company revenues during active management of the switch
- Received exceptional ratings from management for attention to detail and work ethic.

## ADDITIONAL ACTIVITIES AND INTERESTS

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- Passionate about graphic design and digital media software tools.
- Enthusiastically learning French in my free time, aiming to achieve proficiency.
- Member of Women Entering Business (WEB) – a student organisation, based in Macquarie University.

## Full Work Rights

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Temporary Graduate Visa 485 – Expires on 6<sup>th</sup> February 2027