

NICHOLAS VELLA

Email: n.vella998@gmail.com

Phone: 0432421865

Personal website: nickvella.xyz

SKILLS

- R statistical Software, LaTeX
- Python
- Excel: VBA, Pivot tables
- Financial modelling
- Machine Learning
- Tableau
- SQL
- HTML/CSS
- JavaScript
- Comprehensive report writing

ACTUARIAL EXEMPTIONS

CS1 – satisfied

CM1 – satisfied

CB1 – satisfied

CS2 – satisfied

CM2 – satisfied

CB2 – satisfied

EDUCATION

Macquarie University Business School

Bachelor of Actuarial Studies

Macquarie Park, NSW

Graduated 2024

- Distinction Average WAM
- Relevant courses: Statistics, Calculus/Linear Algebra, Stochastic Calculus/Process, Probability Theory, Survival Models, Quantitative Methods for Risk Analysis, Macro/Micro Economics, Econometrics

The University of Newcastle, Australia

Bachelor of Physiotherapy (Honours)

Callaghan, Tamworth NSW

Graduated 2020

- Systematic Review of Physiotherapy for Paediatric Joint Hypermobility

Penrith Selective High School

Higher School Certificate

Penrith, NSW

Graduated 2016

WORK EXPERIENCE

Nepean Blue Mountains Local Health District

Physiotherapist

Penrith, NSW

Feb 2021 – Present

- Quality improvement project; Redesigned patient handover to be more efficient; Excel analysis involving VLOOKUP, pivot tables, statistical methods on impact of increased staffing
- Writing comprehensive NDIS and guardianship reports, documenting patient interactions
- Providing comprehensive health education to medically unwell/post-operative patients
- Presentations to colleagues on latest evidence-based care during in-services and journal club using teams and powerpoint
- Collaborating and problem solving complex discharges as part of the multidisciplinary team
- Supervising, delegating and managing Physiotherapy Students and Allied Health Assistants
- Providing acute care for deteriorating patients in areas including Cardiothoracics, Respiratory, Cardiology, Emergency

Norwest Private Hospital (Healthscope)

Physiotherapist

Bella Vista, NSW

Feb 2022 – Present

- Facilitating safe discharge as the sole allied health practitioner
- Organising and delegating caseload to allied health assistants
- Providing acute care to deteriorating patients in the Intensive Care Unit; post-operative acute care to Orthopaedic, Surgical, and Neuro-surgical patients

LEADERSHIP

University Network for Investing and Trading Macquarie

Finance Team

Macquarie Park, NSW

March 2022 – Nov 2022

- Analysing costs and creating a budget for events
- Social media posts including designing flyers using photoshop

University of Newcastle Department of Rural Health

Year Long Placement Program

Tamworth, NSW

Jan 2020 – Nov 2020

- Selected applicant to study fourth year of physiotherapy degree at rural campus site
- Developed health professional skills through community engagement and built understanding of rural healthcare issues
- Assisted with careers fair for high school students aimed to educate on health careers and encourage to apply

Hillvue Public School*(Year Long Program)****Tamworth, NSW****Feb 2020 – Nov 2020*

- Program designed to engage disadvantaged primary school children in physical activity and health education
- Created educational presentations and planned activities monthly for 20-30 local students

Physiotherapy Student Society*Social Outreach Coordinator****Callaghan, NSW****Feb 2019 – Nov 2019*

- More than doubled available funds to the society in one year
- Liaised with private companies and organised two new sponsorships for the society
- Planned and executed social events to engage health students including inter-faculty sports day, annual ball
- Assisted with designing and marketing merchandise; analysing costs of events, creating budgets

REFERENCES

Available on request

ADDITIONAL INFORMATION

Interests: Gym, Football, Running, Podcasts, Coffee