

Jack Dixon

M: 0481 594 243 | E: jack.dixon019@gmail.com

A: 2/17 Jamison Rd Kingswood NSW 2747

www.linkedin.com/in/jack-dixon-dev

<https://jack-dixon-portfolio.netlify.app/>

CAREER PROFILE

Student enrolled in Coder Academy Full-Stack Web Development Bootcamp, graduating in early December 2023. Coming from a background in the sciences, I can bring both the technical skills I have been learning over the past year, as well as the problem solving skills and mindset I have developed throughout my career.

- Trained in the use of Python, including API development using Flask and SQLAlchemy
- Trained in the use of JavaScript, including website construction using the MERN stack
- Experienced with HTML/CSS, including using the Tailwind CSS framework
- High quality standards in all circumstances including during times of high pressure working in a lab during the covid pandemic
- Excellent communication experience and skills demonstrated by consistently positive feedback over years of experience in multiple customer service positions.

EDUCATION

Diploma of Information Technology

Graduating December 2023

Coder Academy

- Learned full stack web development
- Gained experience using CI/CD practices in a team setting
- Developed understanding of best practices in software development

Bachelor of Science - Double Major in Microbiology and Biotechnology

Graduated 2018

University of New South Wales

- Learned and practiced the "Scientific Thinking" approach to problem-solving

EMPLOYMENT HISTORY

Technical Officer

June 2020 - Present

Royal North Shore Hospital Molecular Microbiology Laboratory

- Designed and wrote algorithm to identify Hepatitis C Genotypes by genetic markers detected via Line Probe Assay
- Developed "hotkey" macros within lab information system to improve workflow of laboratory
- Managed competing priorities during times of high-workload during the heights of the covid pandemic to ensure timely delivery of results to the highest priority patients without sacrificing quality of work
- Developed communication skills and flexibility during frequently changing procedures and protocols in order to ensure consistent high quality work

Technical Assistant July 2019 - June 2020

Royal North Shore Hospital Specimen Reception

- Designed and developed standardised covid sample processing which was later used across multiple labs in the northern NSW region
- Furthered personal problem solving and communication skills to cooperate with other hospital staff to resolve issues that arose such as missing or incorrect samples
- Helped to streamline specimen processing and storage solutions through improved use of existing lab equipment

Poker Dealer

June 2017 - July 2019

Star Entertainment Group

- Worked with flexibility in cooperation with fellow staff members to provide quality service in a changing environment, adapting to handle periods of quiet and rush as well as a 24 hour rotating staff roster
- Communicated excellently with guests to ensure flow of gameplay and minimise disagreements
- Developed investigative problem solving skills to resolve issues and arguments that arose when playing

PROFESSIONAL SKILLS

Python	Javascript	HTML/CSS
Flask	React	Tailwind
SQLAlchemy	Mongoose	SCSS
SQL	MQL	Express

REFEREES

Available upon request