

Scott POULTON

Sydney, NSW

Curriculum Vitae

PERSONAL INFORMATION

WEBSITE: scottpoulton.com
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PROFESSIONAL SUMMARY

Medical Laboratory Science student and certified Pathology Collector transitioning from a career in hospitality. I am actively seeking a clinical role to ground my diagnostic coursework in practical patient care. Outside of my studies, I build software to investigate medical data.

EDUCATION

2025-2028	BACHELOR OF MEDICAL LABORATORY SCIENCE, <i>Charles Sturt University</i> Major: Pathology Current Coursework: Haematology I, Histopathology I, Microbiology II and Immunology
2015-2017	BACHELOR OF COMPUTER SCIENCE, <i>University of Wollongong</i> Major: Digital Systems Security

CERTIFICATIONS

2025	CERTIFICATE III, PATHOLOGY COLLECTION
2021	FOOD SAFETY SUPERVISOR (Level 2)
2019	FOOD SAFETY SUPERVISOR (Level 1)
2018-2019	SNOWSPORTS CERTIFICATIONS: SBINZ Level 1 & 2, SBINZ Level 1 (Kids's), NZSIA Level 1, Avalanche Safety Training 1 & 2

CORE COMPETENCIES

CLINICAL	Routine phlebotomy, specimen triage, physical request form management, and adherence to NSW Health pre-analytical safety protocols.
TECHNICAL	Python, PyTorch, Vanilla JS, PostgreSQL, API integrations, and automated CI/CD pipelines.
MANAGEMENT	Team leadership, strict hygiene enforcement, and the ability to execute time-critical tasks with precision, honed as a Chef de Cuisine.

CLINICAL PLACEMENT & MEDICAL SOFTWARE PROJECTS

PLACEMENT	4Cyte Pathology (2025): Successfully completed 20+ live patient collections under clinical supervision. Managed physical request forms, ensuring strict patient-to-specimen data matching.
HISTOHELPER	scottpoulton.com/histohelper Building a PyTorch deep learning tool to process gigapixel SVS tissue biopsies. <i>Research Focus:</i> Exploring if an AI model can differentiate between a melanoma that metastasised to the lung versus the brain based solely on the morphology of the primary skin lesion.
TUBETUTOR	scottpoulton.com/tubetutor Built a Python and Vanilla JS application that dynamically enforces the universal order of draw and tracks paediatric blood volume limits to prevent pre analytical phlebotomy errors.

PROFESSIONAL HISTORY

CURRENT	STUDENT & PERSONAL TECH PROJECTS <i>Sydney, New South Wales, Australia</i>
2018 - 2024	CHEF DE CUISINE & VARIOUS CULINARY ROLES <i>Australia & New Zealand</i> Progressed from Kitchen Porter to Chef de Cuisine. Worked across multiple venues. Managed daily operations, led teams, and ensured strict compliance with hygiene protocols. (Key venues: Montgomery Street Cafe, Meribella, Shell House, Anekawa, Boardwalk, The Vessel).
2018 - 2019	SNOWSPORTS INSTRUCTOR <i>Cardrona, New Zealand; Niseko, Japan; & Mount Hotham, Australia</i>