

ROBERT DE MATTEO, PH.D.

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JUNIOR SOFTWARE DEVELOPER/ENGINEER

Offering a *unique combination of skills* as a software developer/engineer and expertise gained from years of experience as a Research Fellow and Education Convenor. Highly motivated to develop my career with a forward-thinking company employing techniques as an agile full-stack developer who can recognise a problem, create impactful solutions, and refine applications using cutting-edge languages and frameworks.

TECHNICAL KNOWLEDGE

Computer languages:	JavaScript (NodeJS), Ruby, HTML5, CSS3
Frameworks:	ReactJS, Ruby on Rails, ExpressJS
Databases:	Azure SQL DB, MongoDB, PostgreSQL DB
Software and web apps:	GitHub (github.com/rdematteo), Jira, CLI, Figma, Netlify, Heroku, Slack, Postman
Testing:	Jest, Enzyme, RSpec
Project Management:	Agile (Scrum), Trello
UI Component Libraries:	Bootstrap, React-Bootstrap, Ant Design React

PROFESSIONAL ATTRIBUTES

- Strong communication and collaborative skills.
- Highly organised, diligent in performing all tasks with a proven ability to prioritise, and maintain a high level of focus and accuracy in busy environments.
- Ability to multi-task projects and meet established deadlines.
- Ability in formulating project goals, developing research methods, analysing variables and writing detailed reports while training and overseeing high-performing research teams.
- Results-oriented with excellent error detection and problem-solving skills.
- High level capabilities in the conduct of in-depth research and quantitative analysis.
- Demonstrable expertise in interpreting, reporting, and presenting results in a clear and concise manner.
- High level academic training, including Diploma of Information Technology.
- Strong work ethic and the predisposition to contribute to the propulsion of organisational success.

PROFESSIONAL EXPERIENCE

JUNIOR SOFTWARE DEVELOPER – SERRAVIEW

Sept 2019 - May 2020

Serraview is a consultancy firm which provides workplace management solutions designed to optimise workspace utilisation and create efficient, agile and effective people-centric workplaces. Its services include space planning and software driven consultancy advice around space utilisation, workplace optimisation and workplace enablement in contemporary commercial buildings.

Function: Was actively involved in rebuilding Flash-based software into a modern software application. I joined the 'migration squad' which was responsible for building a React/Ruby on Rails tech stack. I worked closely with the team whilst using Agile methodologies;

- Created, updated and debugged code for front-end React components and back-end Rails models/controllers/views utilising VS Code, CLI and SQL Server (Microsoft Azure SQL Database).
- Unit tests were created, updated and debugged using Enzyme/Jest and RSpec.
- Experience with React-Redux, Higher-Order Components, Interactors, DB migrations, rails console.
- Accomplished version control using Git and utilising GitHub as the Git repository hosting service.
- Experience with dependencies including AntD, Styled Components, Lodash, Storybook, Moment.

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Key Accomplishments:

- Successful, seamless and productive integration into a highly structured DevOps team.
- Gained experience with more complex ReactJS and Ruby on Rails concepts.

EDUCATION CONVENOR (LECTURER) – DEPT. OF ANATOMY AND DEVELOPMENTAL BIOLOGY | MONASH UNIVERSITY 2017 - 2018

*HONOURS CONVENOR | GRADUATE RESEARCH COCONVENOR | GRADUATE RESEARCH ADMINISTRATIVE OFFICER |
UNDERGRADUATE UNIT CONVENOR*

Held a unique position that directly interacted with undergraduate, Honours and Graduate research students, supervisors and Department/School/Faculty administration staff. Provided academic oversight over admissions processes, offering advice on research topics, supervisor availability and resources. Monitored student progress and welfare, examination outcomes and complaints and grievances. Coordinated the delivery and assessment of research training activities within the academic unit, customised to the specific needs of the cohort. Provided advice on policy and procedure concerning milestone reviews, scholarships, intermission and candidature extensions. Assessed the work and progress of students and provided constructive feedback. Provided expertise and consultation to Faculty, School and Departmental members. Established and maintained professional relations with staff and students at all levels. Set high standards and lead by example.

Key Accomplishments:

- Developed and implemented innovative approaches to improve the learning environment, teaching and assessment, and feedback methods.
- Optimised and streamlined numerous administrative tasks, reducing administration time from 3 to 2 days per week.
- Reduced completion times of graduate research students' milestones.

RESEARCH FELLOW - DEPT OF ANATOMY AND DEVELOPMENTAL BIOLOGY MONASH UNIVERSITY	2006 - 2016
RESEARCH OFFICER - DEPT OF PHYSIOLOGY MONASH UNIVERSITY	2004 - 2005
- BAKER IDI HEART AND DIABETES INSTITUTE	2003
- RMIT UNIVERSITY THE SCHOOL OF MEDICAL SCIENCES	1998 - 2002

Decided on research programs and methodologies in collaboration with colleagues to the approval of the head of the research program on fundamental issues. Conducted out research and produced publications, or other research outputs, in line with personal objectives agreed in the staff review process. Coached and supported colleagues in developing research techniques and skills. Communicated with academic and administrative colleagues within the University and externally on matters related to the research processes. Assisted with workshops and conferences, including materials, lecturing, and tutoring. Developed effective timelines and milestones based on the goals of the research program. Responsible for qualitative and statistical analysis of research data. Communicated with the Chief Investigators and collaborators. Provided expertise and consultation to Faculty, Departmental representatives as well as co-workers in the department.

Key Accomplishments:

- Authored 51 journal article publications in high ranked peer-reviewed international journals.
- Recognised for achieving AUD\$1.4 million in competitive grant funding.
- Analysed and resolved research issues in a timely and accurate manner.

Additional Experience

- Fire Safety Officer at Serraview.
- Safety Officer and Chair of Departmental OH&S committee.
- Principal Organiser of the Annual Fetal and Neonatal Workshop of Australia and New Zealand.

EDUCATION AND TRAINING

Diploma of Information Technology (Fast Track Coding Bootcamp) **2019**
Coder Academy | Melbourne | Australia

Coursework: INT1012 - Introduction to Web PRG1010 - Discrete Mathematics
CMP1041 - Foundation Programming PRG1006 - Programming II
PRG1002 - Programming I CMP1043 - Introduction to Software
CMP1042 - Information Systems Engineering
PRG1048 - Database Systems Internship

Graduate Diploma in Education (Secondary) **2006**
Monash University | Clayton | Australia

Doctor of Philosophy (PhD) **1998**
The Florey Institute of Neuroscience and Mental Health | Melbourne | Australia

Bachelor of Science (Honours)
The Florey Institute of Neuroscience and Mental Health | Melbourne | Australia **1993**

Bachelor of Science
University of Melbourne | Melbourne | Australia **1992**

RECOMMENDATIONS

Bronwyn Grobler

Development Manager at Serraview

"Rob joined the Rails team as a Junior Developer and quickly became a valued member of the team. Working closely with the Senior Developers in our agile team he was able to not only take ownership of the work assigned to him but also see it to completion."

Rob also worked closely with our team based in Beijing and was able to assist them with their work load when necessary. Rob is methodical in his approach to development as well as an excellent communicator. In his time with Serraview Rob also contributed to running retrospectives as well as other agile rituals."

Mark Dawes

Senior Software Developer at Serraview

"It was a pleasure working with Robert. He is very personable, hard working and diligent with a strong urge for self improvement."

Small, or large tasks, Robert would knuckle under, do what he needed to, not hesitating to ask questions when necessary, but mostly just going about it. Robert would be a great asset to any development team!"