
POSITION DESCRIPTION

WEB APPLICATIONS DEVELOPER



Location:	Parkville
Division:	Research
Salary:	\$65,000 - \$80,000 p.a commensurate with skills and experience of successful applicant)
Employment type:	Full Time fixed term contract to 30 June 2022
Position reports to:	Coordinator - Statistics

1. POSITION SUMMARY

The Web Applications Developer will participate in the development and maintenance of web-based data management systems, which are built using the .Net platform. A significant part of the role is to design and build the front-end for applications that are to capture and manage research-related data. Excellent communication and inter-personal skills are required as it is necessary to have frequent discussion with users regarding their needs for the web-based applications.

2. POSITION CONTEXT

At Orygen, our leadership and staff work to deliver cutting-edge research, policy development, innovative clinical services, and evidence-based training and education to ensure that there is continuous improvement in the treatments and care provided to young people experiencing mental ill-health. The position sits within Research and is part of a team of web applications developers providing support to research and project activities in the Centre for Youth Mental Health (a faculty unit within the Faculty of Medicine, Dentistry and Health Sciences of the University of Melbourne) and Orygen. The Web Applications Developer will work under the daily supervision of the Senior Web Applications Developer and report formally to the Coordinator of the Statistics Unit.

3. ABOUT ORYGEN

VISION	Young people to enjoy optimal mental health as they grow into adulthood.
MISSION	Reduce the impact of mental ill-health on young people, their families and society.
VALUES	Respect, accountability, teamwork, excellence & innovation.
COMMITMENTS	First Nations people of Australia, young people and their families, LGBTIQ+ people & culturally and linguistically diverse people.

4. KEY RESPONSIBILITIES/OUTCOMES

The Web Applications Developer will:

- Ensure that the front-end GUI is appropriately designed to meet the requirements of the database management system of each project.
- Develop and maintain SQL databases to capture and manage research-related data and generate reports according to given specifications and relevant security and privacy requirements.
- Use responsive web design methods to handle varying screen size requirements.
- Modify databases of existing projects as needs arise.
- Create and maintain documentation and user guides for each project.
- Communicate with staff and/or statisticians to ascertain their requirements for databases.
- Provide instruction, guidance and advice to staff and students regarding database issues.
- Participate in relevant meetings and committees as required for the effective running of the team of developers as well as the entire organization

5. SELECTION CRITERIA

The following criteria must be met for consideration for this position:

5.1 Essential

- An appropriate tertiary qualification or an equivalent combination of relevant experience and/or education/training
- Strong knowledge and experience in .NET (4.0 and Core) Web development with HTML5, CSS3, jQuery and Bootstrap.
- Working experience using Azure DevOps and GIT.
- Solid knowledge and experience in SQL/Relational databases - Microsoft SQL Server.
- Ability to work with multiple datasets and facilitate data transfer using APIs and scripts.
- High level graphic skills with common graphic tools such as Photoshop.
- Excellent verbal, written and interpersonal skills, with a demonstrated attention to detail, and proven ability to deliver consistently high standards of professional communications.
- Strong skills in providing clear and concise documentation for both user instructions as well as technical records.
- Well-established organisational skills with a strong work ethic, commitment to continuous service improvement, and an openness to generate and adopt new ideas and creative approaches to problem solving.
- High level ability to work in a multidisciplinary team environment and under instruction.
- Demonstrated ability to prioritise tasks, accommodate changes to task specifications and work effectively under pressure.

5.2 Desirable

- Experience in the use of Microsoft Access and Excel.
- Experience in working in an academic research environment.

6. PROFESSIONAL AND ORGANISATIONAL KNOWLEDGE

The Web Applications Developer will be expected to have:

- Proficiency in SQL/Relational databases - Microsoft SQL Server
- A sound level of professional skill and a good understanding of modern office technologies and practices.
- An understanding of and commitment to software ethics and security issues.

7. SPECIAL REQUIREMENTS

- Unrestricted right to live and work in Australia
- A current National Police Check will be required.
- Any offer of employment is conditional upon receipt and maintenance of a satisfactory Working with Children Check.