

# Position Description

<b>Position Title:</b>	<b>Developer (Graduate)</b>
<b>Company:</b>	<b>Object Trading Pty Ltd</b>
<b>Address:</b>	Suite 4, 13a Narabang Way, Austlink Corporate Park, Belrose, NSW, 2085, Australia
<b>Contact:</b>	Telephone: +61 2 9450 2999 Facsimile: +61 2 9450 2744
<b>Location:</b>	As above
<b>Directly Reports to (position titles):</b>	Service Delivery Manager or Development Manager

<b>Position Goal (succinct statement of why the position exists)</b>
<ul style="list-style-type: none"> <li>• Development of software applications in the financial services domain, including some design and analysis responsibilities;</li> <li>• Development and execution of automated test cases and test infrastructure used in the testing of internally developed software products;</li> <li>• Test execution and post-deployment support activities;</li> <li>• Ensure cost effective outcomes and consistently high standards are applied to all activities.</li> </ul>

<b>Key Result Areas (including what the end result is and how it is achieved)</b>
<p><b>Mandatory</b></p> <ul style="list-style-type: none"> <li>• Involvement and completion of aspects of application design</li> <li>• Development of components in-line with architectural direction defined</li> <li>• Execution of tests procedures, cases and logging/reporting of results</li> <li>• Create, maintain and extend scripts to execute procedures</li> <li>• Analysis and implementation of test designs, procedures and reports</li> <li>• Build test infrastructure, drivers, utilities and script/batch files</li> <li>• Rostered (critical/blocker severity only) after-hours client support analysis/resolution</li> <li>• Client telephone and on-site support - effective triage, analysis and tracking to resolution of external client issues/defects raised</li> <li>• Participation (with mentors) in the formulation and review of test strategies, plans, designs and schedules for projects</li> <li>• Liaise with development team on unit testing expectations and the use of appropriate tools and techniques</li> <li>• Communicate effectively with the relevant technical team members to ensure that any problems identified during testing are replicated and promptly resolved</li> </ul> <p><b>Desirable</b></p> <ul style="list-style-type: none"> <li>• Provide feedback on estimates and progress suitable for project management and planning activities</li> <li>• Develop and maintain test environments.</li> <li>• Agree guidelines and standards to Service Delivery on acceptable release/exit criteria</li> <li>• Assisting in the administration/maintenance/upgrade of overall systems and networks.</li> <li>• Discuss and agree (with test mentors) appropriate development and testing metrics and management reporting components</li> <li>• Ongoing participation in test process/methodology/tool establishment and maintenance (TPI)</li> </ul>

<b>Qualifications (indicate whether mandatory or desired)</b>
<p><b>Mandatory</b></p> <ul style="list-style-type: none"> <li>• Degree in Computing Science, Software Engineering or Computer Engineering. (ie B.Sc, B.Eng, MSc, PhD)</li> </ul>

<b>Skills and Abilities</b>
<p><b>Mandatory</b></p> <ul style="list-style-type: none"> <li>• Excellent problem solving, problem management and analytical skills.</li> <li>• Excellent interpersonal, written and verbal communication skills.</li> <li>• Programming ability in C/C++ and/or .NET (C#).</li> <li>• Ability to work with people at all levels of the organisation.</li> <li>• Ability to develop and prepare test strategies.</li> </ul> <p><b>Desirable</b></p> <ul style="list-style-type: none"> <li>• Ability to build test drivers using non-proprietary tools</li> <li>• Programming ability in other languages and paradigms such as java, perl, Delphi and shell/batch scripting</li> <li>• Operation of test tools such as Mercury TestDirector or Quick Test Professional</li> </ul>

<b>Knowledge</b>
<p><b>Mandatory</b></p> <ul style="list-style-type: none"> <li>• Good working knowledge of Client/Server applications and testing issues.</li> <li>• Knowledge of testing theory, methods, techniques and tools.</li> <li>• Knowledge of software application design and analysis.</li> </ul> <p><b>Desireable</b></p> <ul style="list-style-type: none"> <li>• Good working knowledge of application and messaging protocols (e.g. FIX, Tibco, Corba, HTTP) and testing issues</li> <li>• Knowledge of front-office banking and finance applications, including derivatives (futures, options, spreads and exotics).</li> <li>• Knowledge of trends in testing and software development.</li> <li>• CSTP or equivalent.</li> <li>• Knowledge of the SDLC and the whole product lifecycle.</li> <li>• Knowledge of test automation frameworks, such as the junit/nunit framework.</li> </ul>

<b>Experience</b>
<p><b>Mandatory</b></p> <ul style="list-style-type: none"> <li>• Experience in application software development and testing;</li> <li>• Experience in the use of structured software development and testing methodologies;</li> <li>• Experience in Object Oriented design and UML</li> <li>• Experience using commercially available test environments, tools and infrastructure;</li> </ul> <p><b>Desirable</b></p> <ul style="list-style-type: none"> <li>• Experience in development and testing of Client/Server and message-based transaction systems.</li> <li>• Have experience of testing and development practices on complex projects.</li> <li>• Programming experience (C/C++, .NET (C#), Delphi, shell/batch scripting, SQL, and other languages).</li> <li>• Have developed or interacted with messaging protocols (e.g. FIX, Tibco, Corba, HTTP)</li> <li>• Experience in designing, implementing and using test frameworks.</li> </ul>

<b>Additional Requirements</b>
<ul style="list-style-type: none"> <li>• Well organised.</li> <li>• Attention to detail and a quality focus.</li> <li>• Able to travel interstate/internationally if/when required.</li> <li>• Good interpersonal skills when dealing with clients for pre-sales support, help desk and consulting duties</li> <li>• Have fun/sense of humour!</li> </ul>

## Reporting Relationships

Report directly to Project Manager appointed for each project