# Position Description

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

## Position Goal *(succinct statement of why the position exists)*
- Development of software applications in the financial services domain, including some design and analysis responsibilities;
- Development and execution of automated test cases and test infrastructure used in the testing of internally developed software products;
- Test execution and post-deployment support activities;
- Ensure cost effective outcomes and consistently high standards are applied to all activities.

## Key Result Areas *(including what the end result is and how it is achieved)*

### Mandatory
- Involvement and completion of aspects of application design
- Development of components in-line with architectural direction defined
- Execution of tests procedures, cases and logging/reporting of results
- Create, maintain and extend scripts to execute procedures
- Analysis and implementation of test designs, procedures and reports
- Build test infrastructure, drivers, utilities and script/batch files
- Rostered (critical/blocker severity only) after-hours client support analysis/resolution
- Client telephone and on-site support - effective triage, analysis and tracking to resolution of external client issues/defects raised
- Participation (with mentors) in the formulation and review of test strategies, plans, designs and schedules for projects
- Liaise with development team on unit testing expectations and the use of appropriate tools and techniques
- Communicate effectively with the relevant technical team members to ensure that any problems identified during testing are replicated and promptly resolved

### Desirable
- Provide feedback on estimates and progress suitable for project management and planning activities
- Develop and maintain test environments.
- Agree guidelines and standards to Service Delivery on acceptable release/exit criteria
- Assisting in the administration/maintenance/upgrade of overall systems and networks.
- Discuss and agree (with test mentors) appropriate development and testing metrics and management reporting components
- Ongoing participation in test process/methodology/tool establishment and maintenance (TPI)

## Qualifications *(indicate whether mandatory or desired)*

### Mandatory
- Degree in Computing Science, Software Engineering or Computer Engineering. (ie B.Sc, B.Eng, MSc, PhD)
Skills and Abilities

**Mandatory**
- Excellent problem solving, problem management and analytical skills.
- Excellent interpersonal, written and verbal communication skills.
- Programming ability in C/C++ and/or .NET (C#).
- Ability to work with people at all levels of the organisation.
- Ability to develop and prepare test strategies.

**Desirable**
- Ability to build test drivers using non-proprietary tools
- Programming ability in other languages and paradigms such as java, perl, Delphi and shell/batch scripting
- Operation of test tools such as Mercury TestDirector or Quick Test Professional

Knowledge

**Mandatory**
- Good working knowledge of Client/Server applications and testing issues.
- Knowledge of testing theory, methods, techniques and tools.
- Knowledge of software application design and analysis.

**Desirable**
- Good working knowledge of application and messaging protocols (e.g. FIX, Tibco, Corba, HTTP) and testing issues.
- Knowledge of front-office banking and finance applications, including derivatives (futures, options, spreads and exotics).
- Knowledge of trends in testing and software development.
- CSTP or equivalent.
- Knowledge of the SDLC and the whole product lifecycle.
- Knowledge of test automation frameworks, such as the junit/nunit framework.

Experience

**Mandatory**
- Experience in application software development and testing;
- Experience in the use of structured software development and testing methodologies;
- Experience in Object Oriented design and UML
- Experience using commercially available test environments, tools and infrastructure;

**Desirable**
- Experience in development and testing of Client/Server and message-based transaction systems.
- Have experience of testing and development practices on complex projects.
- Programming experience (C/C++, .NET (C#), Delphi, shell/batch scripting, SQL, and other languages).
- Have developed or interacted with messaging protocols (e.g. FIX, Tibco, Corba, HTTP)
- Experience in designing, implementing and using test frameworks.

Additional Requirements

- Well organised.
- Attention to detail and a quality focus.
- Able to travel interstate/internationally if/when required.
- Good interpersonal skills when dealing with clients for pre-sales support, help desk and consulting duties
- Have fun/sense of humour!

Reporting Relationships

Report directly to Project Manager appointed for each project