

Gary Russell

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Professional Profile	<p>Enthusiastic Naval Architecture student with an impressive academic background (gaining exposure to hydrodynamics, structural analysis, risers and mooring lines, marine design, seakeeping, design optimisation, and subsea systems, amongst others). Academic achievements are underpinned by experience in a variety of working environments through internships and work experience. Recipient of BP Achievement Award Scholarship, in recognition of a high level of academic achievement.</p> <p>Detail-oriented; enjoys solving technical and practical problems. Works well in high pressure environments, coping effectively and maintaining excellent standards in all tasks undertaken. Genuinely hardworking, reliable and trustworthy. Extremely capable, with a professional attitude. Always takes a conscientious approach to any situation.</p> <p>Excellent communication and interpersonal skills, works well in groups of any size, as well as working confidently and fastidiously on solo projects. Leadership position in all projects, leads teams effectively and reliably to attain concrete results. Extra-curricular activities include participation in student-run mentoring scheme, and volunteering in the local community.</p> <p>Experienced and proficient in the use of Microsoft Office suite, Python, NAPA, ANSYS, Maxsurf, MathCAD, and AutoCAD. Able to learn and implement new packages and programming languages quickly and effectively.</p> <table><tr><td><ul style="list-style-type: none">• Analytical and Creative Thinking• Attention to Detail• Verbal and Written Communication• Organisation and Planning</td><td><ul style="list-style-type: none">• Technical Knowledge• Problem Solving• Leadership Potential• Strong Work Ethic and Enthusiasm</td></tr></table>	<ul style="list-style-type: none">• Analytical and Creative Thinking• Attention to Detail• Verbal and Written Communication• Organisation and Planning	<ul style="list-style-type: none">• Technical Knowledge• Problem Solving• Leadership Potential• Strong Work Ethic and Enthusiasm
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Work History	<p>Summer 2014 Naval Architect, MODU Marine Assurance Internship, Shell, London</p> <p>Production of gap analysis with regards to both internal, and industry standard (OCIMF OVID) survey mandates.</p> <ul style="list-style-type: none">• Identification of disparities and recommendations for amelioration.• Direct influence on active company policy and its global implementation. <p>Consultation on Class Condition Report for contracted drilling vessel.</p> <ul style="list-style-type: none">• Consultation and clarification on class and flag conditions and memoranda.• Production of maintenance schedule for dry docking.• Liaising with shipyard, contractors, and vessel crew to ensure smooth implementation of the schedule. <p>Provision of marine assurance for several ships in the ongoing interests of the business.</p>		

	<p>Summer 2013 Naval Architect, Marine Operations Internship, KCA DEUTAG, Aberdeen</p> <p>Authoring of a Marine Operations Manual for tender assist barge in compliance with MODU code. Production of a concise, class-approved, on-board manual and reference document.</p> <ul style="list-style-type: none"> • Authoring of operational procedures, engineering drawings, stability book. • Liaising with vessel operational management, support team, and crew both from head office, and in person in the country of operation (Cote D'Ivoire). • Static intact and damaged stability analysis of the tender barge. • Dynamic motion analysis and RAO production. • Lightweight distribution analysis and reporting. <p>Certification Attained</p> <ul style="list-style-type: none"> • MIST • BOSIET with HUET • Regs4Ships.com MARPOL Awareness Training
Education	<p>MEng Naval Architecture with Ocean Engineering University of Strathclyde Glasgow, Scotland 2012 – 2017</p> <p>Studying the technical aspects of fixed and floating marine structures, and systems related to harnessing ocean and subsea resources. Study of ocean engineering subjects related to the design and operation of novel ships and offshore structures. Attained distinction in exam results and position on Dean's List in every year of study.</p> <p>BEng Thesis 'Heave Motion Analysis Software for Dry-Tree Semi-Submersible Platform Concepts'</p> <p>Development in the Python programming language of a software tool for production of heave RAOs and response amplitudes of user-defined concept dry-tree semi-submersible platforms in sea conditions which are also user-defined. Results produced in accordance with DNV RP-H103.</p> <p>Motion analysis of proposed platforms in various ultra-deepwater sites globally to ascertain suitability of designs for dry-tree operations. Particular attention paid to heave amplitudes within the stroke range of commercially available riser tensioners.</p> <p>A copy of both this thesis and the developed software can be downloaded from the project web site http://heavecalc.com</p> <p>MEng Thesis</p> <p>MEng thesis is in development. The thesis studies the phenomenon of liquefaction of solid bulk cargoes, and implements a risk-based design process for mitigation of both the phenomenon and its adverse effects on vessel stability and performance.</p>

	<p>MNTB Engineer Officer Cadetship Glasgow College of Nautical Studies Glasgow, Scotland 2010 – 2012</p> <p>Experience of living and working on board large container vessels. Extensive experience attained in many aspects of ship operation, maintenance and repair while working in a practical Engineering position.</p> <p>HNC Marine Engineering Glasgow College of Nautical Studies Glasgow, Scotland 2010 – 2012</p> <p>Grade A pass in Graded Unit, and all accompanying Higher National Units.</p> <p>NC Shipping and Maritime Operations Glasgow College of Nautical Studies Glasgow, Scotland 2010 – 2012</p> <p>Attained final certificate and all accompanying National Units.</p>
References	<p>Alex Hammond Deputy Fleet Manager Brunei Gas Carriers Sendirain Berhad (Formerly MODU Maritime Assurance Manager, Shell) Email: alex.hammond@shell.com</p> <p>Aaron McDougall Engineering Director, Offshore Projects Houlder Ltd (Formerly Marine & Engineering Manager, KCA Deutag Drilling Group Ltd.) Email: aaron.mcdougall@houlderltd.com Tel: +44 (0) 1224 702200</p> <p>Dr Philip Sayer Associate Dean, Faculty of Engineering Department of Naval Architecture and Marine Engineering University of Strathclyde Email: p.g.sayer@strath.ac.uk Tel: +44 (0) 141 548 3302</p>