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# Example of Naval Architect Job Description

Our innovative and growing company is looking for a naval architect. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for naval architect

* Support trade studies to predict vehicle performance and derive requirements, develop simulation and analysis to predict vehicle performance, and document trade studies & analysis results
* Conduct hydrodynamic analysis & simulation to define/verify system stability/performance and propulsion/hull design
* Support development of new UUV systems, software, requirements & methodology for testing system hardware/software and analyze test data
* Be outgoing and enjoy resolving a new challenge every day
* Have a structured approach to your work, with an eye for detail
* Be able to spot opportunities, challenge the status quo and communicate recommendations effectively
* Join a team supporting one of the most complex assets in operation today
* Learn the skills and techniques required to express complex arrangements and systems in a way that non specialists understand
* Drive the development & validation of naval architecture systems & components in support of project scope, timing & cost objectives per established engineering practices & industry regulations
* Develop validation plans and coordinate with test lab for the evaluation of components and systems

## Qualifications for naval architect

* Must have at least 6-7 years experience in New Building/Conversions for both hull and vessel operation systems working in a either a shipyard or consultancy
* Knowledge of ship design software, FEM software and product modeling software
* Must be an Australian citizen (mandatory)
* Bachelor of Science Degree in Naval Architecture or similar degree
* Have a general understanding of drawing development and review
* Boat check craft on trailers or in the water