



RÉSUMÉ AND CURRICULUM VITAE

PERSONAL DETAILS & QUALIFICATIONS

Name: Adam Lees
Position: Engineering Consultant
Nationality: British
Education: Bsc (Hons) Marine Technology
Studying: MTEC: Naval Architecture Msc (Post graduate)

EMPLOYMENT RECORD

2017 - Present *Argo Engineering Solution Ltd*, Engineering Consultant
2014 – 2017 *Magma Structures Ltd*, Mechanical and Composite Engineer
2012 – 2014 *BMT Nigel Gee Ltd*, Naval Architect/Structural Engineer

RÉSUMÉ

I am currently an Engineering Consultant at Argo Engineering. I have 7+ years' experience working in a range of roles specialised around the marine sector. I am typically involved in one-off projects which challenge what has gone before. Projects of this nature typically push the design codes to the limit, requiring a first principles design approach.

I have previously worked for BMT Nigel Gee, one of the UK leading superyacht and commercial vessel Naval Architecture consultancies and Magma Structures who specialise in designing and building bespoke, large, free standing super yacht masts from advanced composites.

The combination of the companies and projects I have been involved in, have given me a strong foundation in Engineering, both in the design office and on the shop floor.

EXPERIENCE

World's Largest Composite free-standing yacht masts 70m – 100m

Whilst employed at Magma I was a key member of the design team for the design and manufacture of Sail Yacht A's masts; the largest sailing yacht in the world. My responsibilities included calculations for primary carbon / epoxy structures, FE analysis, production drawings and liaising with the production team. At the end of the project my role included being the onsite Engineer for shipping, stepping and to resolve any additional works.

Wind Farm Vessel Fleet

While employed at BMT Nigel Gee, I had responsibility for defining scantlings and designing foundations for a number of wind farm support vessels. This included liaising with shipyard, client and class societies to ensure vessels meet the client's requirements.

Heavy Lift Hoverbarges

While employed at BMT Nigel Gee, I acted as an Engineering Consultant for Hovertrans, supplier of the world's largest hoverbarges.

107m Motor Yacht

While employed at BMT Nigel Gee, I carried out structural engineering for 107m high-efficiency, low weight superyacht structure built by OceAnco. Work included scantling design, FEA analysis and structural weight studies.

220m Tide Class RFA Tankers for UK MOD

While employed at BMT Nigel Gee, I carried out sub-modelling for FE analysis to meet the class package requirements for the 220m MOD MARS refuelling tankers recently launched by DSME in Korea and is now in service with the Royal Navy.

Penguin Ferries 38m Aluminium Passenger Ferry

While working at BMT Nigel Gee, I carried out Structural Engineering for a 38m fast ferry aluminium structure.

Professional Development

Master's Degree

As part of my professional development I am continuing my studies as a part-time student at Newcastle University. In 2019 I will gain a master's degree in Naval Architecture.

Associate member of Institute of Marine Engineering Science and Technology (AMIMarEST)

OUT OF WORK INTERESTS

My key out of work interest is sailing. I have competed at national and international level since the age of 11. I sail on a regular basis on 40-foot high performance keelboats and 14-foot high performance skiff dinghies. This requires a broad spectrum of knowledge and allows me to develop my engineering skills due to the development nature of the boats.

Besides my sailing I enjoy many other sports which I regularly take part in; bouldering, windsurfing and skiing. I pride myself on living a very active lifestyle and where possible being outside in the elements.
