

## Curriculum Vitae

### Personal information

Surname(s) / First name(s) **Klimek Michał**  
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 Nationality polish



### Work experience

Employer	<b>Camarc Ltd</b>
Dates	April 2013 – March 2014; January 2015-July 2015
Occupation or position held	Naval Architect
Main activities or responsibilities	<b>Pilot and SAR boats (12-22m), patrol craft (up to 33m) and crewboat (45m) design :</b> Structure design, modification, assessment, drafting and modeling (steel, aluminum, GRP) Deck equipment design and drawings (hatches, davit, bollards, mast, ventboxes, breakwater etc.) GA development, internal GA, deck plan, safety plan, tank plan, Machinery arrangement and systems schematics, exhaust arrangement, insulation arrangement Weight and COG estimate, basic design, 2D Autocad drafting and 3D modeling in Rhino
Location	Worthing, West Sussex BN11 1QR, United Kingdom
Employer	<b>Short-term contract through agency</b>
Dates	October 2014 – December 2014;
Occupation or position held	Hull designer
Main activities or responsibilities	<b>Steel Offshore Construction Vessel (&gt;100m)</b> Structure design and drafting of classification drawings Modification of a LARS platform to fit a different vessel GA and tank plan updates
Location	Bergen, Norway
Employer	Nelton Sp. Z o.o. part of <b>GSM Design Group</b>
Dates	January 2012 – April 2013
Occupation or position held	Designer Assistant
Main activities or responsibilities	<b>Cruise ships (~320m long) and research vessel(~115m) new build design:</b> Ship structure drafting and 3d modeling with elements of detailed design – steel Ship equipment design, modification and drafting ( masts, steel stairs, railings, etc.) Updating and creating drawings for GA (ship equipment part) Creating a model of hull shape (small OSV concept)
Location	Pruszcz Gdański/Szczecin, Poland
Employer	Self-employed
Dates	August 2008 – August 2011
Occupation or position held	Naval architect, marine engineer
Main activities or responsibilities	<b>Composite yachts(up to 12m):</b> Hull shape design, hydrostatic, stability and hull drag calculations, slender hull drag optimization Equipment selection and design, strength analysis, reverse engineering 3D modeling and visualizations, creating technical documentation (2D and 3D) Compliance with EU Recreational Craft Directive 2003/44/EC and relevant ISO standards Technological instructions preparation and on shop supervision
Location	Szczecin, Poland

Employer	<b>Murray &amp; Associates Poland Sp z o.o</b>
Dates	02 - 31 July 2007
Occupation or position held	Intern in design office
Main activities or responsibilities	<b>Motor yachts design:</b> Computer Aided Design programs (AutoCAD, Rhinoceros, Algor) Working with Lloyd's Register rules - FEM analysis of davit foundation and piston removal crane
Location	Szczecin, Poland

## Education and training

Name of organization providing education and training	<b>West Pomeranian University of Technology,</b> Faculty of Maritime Technology
Dates	01 October 2004 – 05 January 2010
Title of qualification awarded	<b>Master of Science (Eng) in the field of ocean technology</b> Specialty: vessels, marine structures and equipment
Principal subjects/occupational skills covered	Ship design Structural engineering Hydrostatics and hydrodynamics Shipbuilding Technology Computer Aided Design (Ship design programs, FEM, CFD)
Level in national classification	5A Higher Education

## Skills and competences

Mother tongue(s)	<b>Polish</b>
Other language(s)	<b>English</b> B2 (upper-intermediate, FCE certificate, B grade) <b>German</b> A1 (basic)
Social skills and competences	Ability to work in team or individually Analytic and problem-solving attitude
Technical skills and competences	Preparing diagrams, calculation spreadsheets and reports Preparing 2D drawings, schemes, 3D models, visualizations Designing hull lines and shape, general arrangement Calculations: <ul style="list-style-type: none"> <li>• Hydrostatic, stability and hull resistance</li> <li>• Longitudinal strength, strength analysis, basic FEM analysis</li> </ul> Working with ISO RCD Harmonized Standards (11812, 12215, 12217, other) Working with classification society rules Basic systems knowledge (propulsion, fuel, waste, water, gas) Working with electrical diagrams, systems schemes Knowledge of composite materials, steel and aluminium
Computer skills and competences	Office suite Hull forming: <ul style="list-style-type: none"> <li>• Freeship (advanced)</li> <li>• Maxsurf (intermediate)</li> </ul> Drawing and modeling: <ul style="list-style-type: none"> <li>• AutoCAD (2D intermediate and 3D basics)</li> <li>• Rhinoceros3d (advanced), Brasil rendering engine, basic Python and C# scripting</li> <li>• Catia v4 ship structure module, equipment module (intermediate)</li> <li>• Autodesk Inventor (basic- Autodesk authorized center certificate )</li> </ul> Analysis and calculations: <ul style="list-style-type: none"> <li>• Algor ( FEM, basic)</li> <li>• Hydromax (intermediate)</li> <li>• Michlet (advanced)</li> <li>• Mathcad (intermediate)</li> </ul>
Driving license	Category B, since 2003