



The Maritime Institute of Technology & Graduate Studies (MITAGS) has an opening for a *Hydrodynamic Ship and Visual Simulation Programmer* for our East Coast Campus in Linthicum, Maryland (Baltimore / Washington Corridor). Ideal candidate background would include naval architecture, vessel maneuvering, and use of ship modeling software.

Salary commensurate with experience. Generous employee benefits vacation, defined pension plan, defined contribution plan, and medical benefits (including retirement after vesting). Employee contribution 401K options also available. (*Full-time desired, but will consider part time position.*)

MITAGS/PMI Maritime Training Centers are among the leaders in maritime ship simulation for training and operational research." As a non-profit trust, employees make a significant contribution to maritime safety, and work in a dynamic, progressive, technology driven work environment.

For consideration, please submit a cover letter with your resume to the MITAGS-PMI Human Resource Manager Jane Sibiski jsibiski@mitags.org

Hydrodynamic Ship and Visual Simulation Programmer

**MITAGS-PMI East Coast
Linthicum, MD
FT Position**

DIVISION: Simulation Research/Operations

Compensation commensurate with applicable skill set.

Naval Architect is responsible for developing hydrodynamic ship simulation models and modeling tasks, which may include the creation and maintenance of visual databases and video production for use by the MATES Program.

MAJOR DUTIES AND RESPONSIBILITIES

- Develop ship models for simulation systems and area databases. (Wärtsilä simulator)
- Lead maritime research projects. Produce videos related to the operational research studies using appropriate software as required.
- Organize, manage, and prepare document area and model databases.
- May be directed to serve as a Simulator Operator.
- Maintains and manage and organize the databases, reports, and videos.
- Performs other appropriate duties as assigned.



DESIRED QUALIFICATIONS

- Strong working knowledge of Microsoft Office.
- Project Management Professional (PMP) certification is a plus.
- Bachelors' Degree in appropriate field of study or 2-3 years equivalent work experience.
- Position may require some travel, to MITAGS-PMI campus, or at other sites and company locations as directed.
- Background or degree in:
Naval Architecture/Hydrodynamics/Coastal Engineering or other related field (such as computer gaming, design and 3D modeling).
- Professional credential, licensed engineer.
- Knowledge of, or work experience in the maritime field Experience with AutoCAD, 3D Studio Max, or Matlab is a plus

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