

## LINGYAO LI

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### EDUCATION

**Department of Civil Engineering, University of Maryland (UMD)** Maryland, US  
*PhD. in Project Management* Sept.2015~Present

- Relevant Courses: Project Cost Accounting and Finance.

**College of Ship Engineering, Harbin Engineering University (HEU)** Harbin, China  
*Master in Naval Architecture & Ocean Engineering | GPA 3.75/4.00* Sept.2012~ Jun.2014

- Research Areas: Offshore Platform Construction Engineering & Digital Project Management.
- Awards: National Scholarship in China; Merit Student in Heilongjiang Province (Top 3% of College).

**College of Ship Engineering, Harbin Engineering University (HEU)** Harbin, China  
*Bachelor in Naval Architecture & Ocean Engineering | GPA 3.65/4.00* Sept.2008~Jun.2012  
*Minor in Business Administration | GPA 3.53/4.00* Sept.2010~Jan.2012

- Relevant Courses: Accounting, Financial Control, Enterprise Strategic Management, Statistics.
- Awards: Graduation with Honors in HEU, Excellent Student Cadre, 2<sup>nd</sup> Class Scholarship and etc. (7times).

### PROFESSIONAL EXPERIENCE

**MAS-Based Scheduling Modeling & Coordination Mechanisms Based for Marine Equipment Project**  
*Researcher | National Natural Science Foundation Project* Jun.2013~ Jun.2014

- Constructed a scheduling model and established coordination mechanisms based on multi-agent theory.
- Developed a collaborative scheduling system using Oracle Database and My Eclipse.
- Involved in algorithm design for multi-objective scheduling under resource constrained conditions.

**Information Management Technology of Jack-up Drilling Platform Construction**  
*Analyst | National 12<sup>th</sup> Five-year Plan Major Scientific Project in China* Mar.2013~ Jun.2014

- Collected, organized and summarized materials; made file presentations for review meeting.
- Analyzed requirements and system functions for the module of schedule management.

**Software Development of Construction Management for Floating Platform Project**  
*Main Responsible Person | High-tech Ship Engineering Project in Heilongjiang Province* Mar.2012~Mar.2014

- Conducted investigations for 3 modules in China Offshore Oil Corporation – Qingdao Corporation.
- Completed needs analysis and system modeling; developed schedule control & cost management module.

### Publications & Software Copyrights

- Weight control system for offshore platform project based on MAS technology. Journal of Harbin Engineering University. (EI, published in 2015)
- Development of a collaborative scheduling system of offshore platform project based on multi-agent technology. Advances in Mechanical Engineering. (SCI, published in 2014)
- Scheduling model for offshore project based on multi-agent technology. International Conference, Glasgow, England. (Conference; published in 2014)
- Research on Cost Management of Offshore Platform Project, Heilongjiang Shipbuilding Engineering Association Essay Collection, Heilongjiang, China. (Conference; published in 2013)
- Software copyright of weight control of offshore platform project. (Copyright, published in 2013)

### ADDITIONAL INFORMATION

- **Skills:** @Risk, Visio, Project, Excel, Matlab, Database and CAD.
- **Miscellaneous:** interests includes painting, guitar and speech; won the champion prize in the debating competition in 2012 and “Top Ten Singer” Prize in 2013; teaching mathematics for junior school students in 2015; easy going, enthusiastic and willing to exchange ideas with others.