

# PETER DOHERTY

ENTREPRENEUR, BUSINESS LEADER & CHARTERED MECHANICAL ENGINEER | UPDATED: FEB 2019

## BIO

My goal is to grow businesses and help teams deliver unique and compelling products or services that empower the customer's experience. With the power of Entrepreneurship, I bring to life novel ideas using the Lean Startup method and my wide range of experience & skills.

## EXPERIENCE

Feb '19   Present	<b>President &amp; Founder</b> Red Sky Intel LLC Work in progress - more soon	📍 New York, NY
Jul '16   Present	<b>President &amp; Founder</b> Computation Hub Leading Business Development, Sales, Contract Management & Negotiation. Responsible for Vendor and team supervision	📍 Paris, France
Jun '13   Jul '16	<b>Senior Engineer</b> Wood Group Engineering analysis execution & supervision, team management, business & technology development	📍 Paris, France
Feb '09   May '13	<b>Project Engineer</b> MCS / MCS Kenny Responsible for design and analysis of shallow water & deepwater risers in the North Sea, West of Africa, Gulf of Mexico and Western Australia	📍 Paris, France
May '07   Aug '07	<b>Drawing Office Assistant (Internship)</b> Major Equipment Intl. Ltd. Led the design and supervision of several projects around the factory	📍 Co. Mayo, Ireland
May '06   Aug '06	<b>Drawing Office Assistant (Internship)</b> Major Equipment Intl. Ltd. Responsible for modeling and drafting of fabrication drawings for welders, fitters and engineering technicians	📍 Co. Mayo, Ireland

## EDUCATION & QUALIFICATIONS

Sep '04   May '08	<b>Bachelor of Mechanical Engineering (Honors)</b> National University of Ireland, Galway	📍 Galway, Ireland
Nov '17   Present	<b>Certificate - Oil and Gas MOOC</b> IFP and Total	📍 Online
May '15   Present	<b>Certificate - Chartered Engineer</b> Engineers Ireland	📍 Dublin, Ireland
Feb '15   Present	<b>Certificate - Managing Workload</b> Engineers Ireland	📍 Online
Feb '15   Present	<b>Certificate - Managing from Within the Team</b> Engineers Ireland	📍 Online
Jan '15   Present	<b>Certificate - Leadership Skills</b> Engineers Ireland	📍 Online
Nov '14   Present	<b>Certificate - Project Management</b> Engineers Ireland	📍 Online



## EXPERTISE

Team Management  
Budget Management  
Project Management  
Contract Negotiation  
Business Development  
B2B Sales & Navigation  
Community Building  
Subsea Engineering  
Joint Industry Projects

## SOFTWARE SKILLS

HTML, CSS, JS  
Node.js, AWS, Heroku  
Python, Pandas, Numpy  
Django, Hugo, Bootstrap  
Excel VBA  
Flexcom, PipeLay  
Shear7, Ariane 3-D  
Autodesk Inventor  
Mechanical Desktop  
Blender, GIMP & Inkscape  
Canva

## MEMBERSHIP

Engineers Ireland (MIEI)  
EVOLEN  
Soc. of Petroleum Engineers

## NATIONALITY

Irish

## LANGUAGES

English  
Irish  
French



## PROJECT HIGHLIGHTS

- Jan '16 **Safety Awareness For Everyone (SAFE) Mobile Application**  
Led a project with internal R&D funding to build an enterprise mobile app for 40,000 employees at Wood Group
- Dec '15 **TOTAL Riser Concept Benchmarking Tool**  
Lead engineer that developed an Excel-based Riser Concept Selection Tool that can screen and rank different riser solutions based on user inputs/specifications.
- Oct '13 **Heerema Marine Contractors, Inpex Ichthys Pipelay & Structure Installation Analysis**  
Senior Engineer & Project Manager of a six-person analysis team that helped install subsea pipelines and structures offshore Australia
- Oct '11 **Saipem, Petrobras PRE-SALT Developments Tender Support, Offshore Brazil**  
Project Engineer responsible for the preliminary design and analysis of a Hybrid Riser Tower, offshore Brazil



## PUBLICATIONS

- Feb '19 **COORDINATE - Digital Transformation Model Canvas**  
Link: [www.computationhub.com/blog](http://www.computationhub.com/blog)
- Jan '16 **Inspired - Technology and Innovation in Wood Group, SAFE Mobile Phone App**  
Link: [https://www.woodgroup.com/\\_\\_data/assets/pdf\\_file/0022/11659/Inspired1.pdf](https://www.woodgroup.com/__data/assets/pdf_file/0022/11659/Inspired1.pdf)
- Jun '13 **DCV Aegir Pipelay Installation Analyses and Capabilities**  
Link: OMAE-2013, Paper no. 10262 <http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=1786314>
- Oct '13 **Subsea PLET Installation: Challenges in Deep Water Developments**  
MCS Kenny Annual Technical Conference
- Oct '11 **TOTAL Rosa BHOR Riser Base Spools Movement and Trenching Study**  
MCS Kenny Annual Technical Conference



## TALKS

- Jun '18 **Positive Impacts of Entrepreneurship & Startups in Oil & Gas**  
SPE France Beyond The Borders, Paris
- Mar '18 **Empowering Oil & Energy - Time-Series Analytics For Big, Fast Data**  
Link: <https://www.meetup.com/kx-paris/events/248098238/>
- Feb '18 **Impactful Data Insights & Decison-Making Solutions**  
Paris Machine Learning Research Group
- May '17 **Increasing Vessel Uptime Across Your Fleet**  
Link: Young Person in the Spotlight, SPE France  
<https://www.linkedin.com/feed/update/urn:li:activity:6266279334386896896>



## COMMUNITY BUILDING

- Feb '19 - Present **Founder of Oil & Energy - Digital Digest - Online Meetup**  
An online meetup with 1-on-1 video conversations about digitalization
- Dec '17 - Dec '18 **Society of Petroleum Engineers - France section**  
Section officer and member of the Young Professional's committee, based in Paris.



## CONTACT & FURTHER INFO

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