

Natasha Maas

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EDUCATION

Massachusetts Institute of Technology (MIT) Masters of Science in Civil Engineering Environmental Fluid Mechanics Laboratory	Cambridge, MA 2011 – 2013 (expected) GPA: 4.6/5.0
Delft University of Technology Bachelor of Science in Civil Engineering (CUM LAUDE) Minor in Entrepreneurship (Finance, Managing Start-ups, Business Planning & Intrapreneurship)	Delft, The Netherlands 2008 - 2011 GPA: 8.0/10.0
London School of Economics, Summer Session Strategic Management (university credits courses)	London, UK 2010
Yale University, Summer Session Advanced Physics, Political Philosophy (university credits courses)	New Haven, CT 2008

EXPERIENCE

Massachusetts Institute of Technology (MIT) <i>Teaching Assistant, Graduate class Structural Mechanics</i>	Cambridge, MA 2012 - Present
Massachusetts Institute of Technology (MIT), Environmental Fluid Mechanics Laboratory <i>Research Assistant:</i> Designing of new type of containment system for deep ocean oil spills (Commissioned by ENI S.p.A.) <ul style="list-style-type: none">Modeling the behavior of a free or contained multiphase plumeDesigning of offshore structures and modeling their response to hydrodynamic forcesCollaborating with ENI to design reliable system to avoid environmental disasters in event of future oil spills	Cambridge, MA 2011 - Present
Royal Dutch Shell, In-well Technology Lab <i>Intern:</i> Designing a new type of flow meter for offshore pipelines (Part of University's Bachelor's Honors program) <ul style="list-style-type: none">Translating the working principle into a fully operative designWorking together with the Shell team to test a prototype	Rijswijk, The Netherlands 2010
Rijkswaterstaat (Ministry of Infrastructure and Environment in the Netherlands) <i>Intern:</i> Assistant to the Project Management in River Engineering project (3 months) <ul style="list-style-type: none">Organizing event to communicate proceedings of the project to the affected communitiesAssisting in reviewing the groin design (hydraulic structure that affects river flow)	Arnhem, The Netherlands 2009
Kurt Salmon <i>Intern:</i> Research Assistant (3 months) <ul style="list-style-type: none">Contributing to the data analysis needed by the consultants	Amsterdam, The Netherlands 2008

LEADERSHIP

MIT vs. Harvard Consultancy Case Competition <ul style="list-style-type: none">Best MIT team, Third place overall	Cambridge, MA 2012
Graduate Women's Association at MIT <ul style="list-style-type: none">Fall Leadership Conference logistics coordinator	Cambridge, MA 2012 - Present
Founder of the Women's Associations in Civil Engineering / Rowing Club <ul style="list-style-type: none">Bringing female engineers together through social events; grew to a 100 women attending on a yearly basisInviting business women to network with 50 female students at yearly event	Delft, The Netherlands 2009 – 2011
Varsity Rower and Coxswain for Delft University of Technology Rowing Team	2008 - 2010
Delft University of Technology Organizing Committee for annual International Study Trip <ul style="list-style-type: none">Convince civil engineer firms to host events for the student on the trip	Delft, The Netherlands 2009 – 2010

SKILLS

Languages	Fluent in Dutch, English and Spanish. Intermediate in French and German
Technology	Windows Office, Latex, Matlab, Abaqus, Orcaflex

INTERESTS/ ACTIVITIES Dressage Competition, Piano, Crew (on MIT's Club team)