

Simon E. Lee

Please feel free to get in touch for a tailored *Résumé* with personal information included

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Work Experience

Arup

London, United Kingdom

MECHANICAL ENGINEER, BUILDING ENGINEERING LONDON

Sep 2014 - Present

- Gained key technical experience and knowledge by playing an integral role within several projects, including following a project from conception to hand off as well as following a project through construction
- Produced contractual drawings and documentation on both national and international projects
- Tracked the financial performance of a £2.0m+ project by producing weekly financial updates

Nomura

Kuala Lumpur, Malaysia

SUMMER INTERNSHIP, EQUITY RESEARCH ANALYST

Jul 2013 - Sep 2013

- Supported initiation of Asian gaming coverage, including a sector report
- Produced reports following company briefings, site visits and management meetings

Sepakat Setia Perunding (SSP)

Kuala Lumpur, Malaysia

SUMMER INTERNSHIP, ENGINEERING CONSULTANCY

Aug 2012 - Sep 2012

- Developed templates for computationally extensive engineering calculations and validation of tasks
- Supported senior engineers in developing creative design solutions

Imperial College London

London, United Kingdom

STUDENT RESEARCHER, DEPARTMENT OF MECHANICAL ENGINEERING

Jun 2012 - Aug 2012

- Researched and implemented collision models of particles in an in-house developed discrete simulation software package
- Entailed the development of several models and later compared their accuracy, computation time and memory usage to ensure implementation of the most appropriate model

Truck Cam AB

Katrineholm, Sweden

SUMMER INTERNSHIP, PRODUCTION DEPARTMENT

Jun 2010 - Jul 2010

- Developed and subsequently organised the production of mounting brackets for an engineering company that designs wheel alignment tool-kits for trucks

Education

Imperial College London

London, United Kingdom

MENG IN MECHANICAL ENGINEERING

Oct 2010 - Jul 2014

- Graduated with first class honours and remained on the Dean's list throughout study
- Major projects include: Design and manufacturer of a specialised 3D printer for body armour, Implementation of Voronoi Analysis to characterise particulate flow, CFD analysis of a submarine, Turbomachinery design of a jet engine.

IB School South

Stockholm, Sweden

INTERNATIONAL BACCALAUREATE

Aug 2008 - Jun 2010

- Graduated top of class with a diploma aggregate of 39

Leadership Experience

Design Make and Test Design Project - Imperial College London

London, United Kingdom

PROJECT MANAGER

Oct 2013 - Jun 2013

- Led a group of four students, designing a specialised 3D printer for body armour
- Coordinated and prioritised tasks amongst the group

Technical Skills

Programming

Visual Basic, C, C++, Python, HTML, MATLAB, \LaTeX

Design Software

Adobe Photoshop, Adobe InDesign

Engineering Software

AutoCAD, Solidworks, Revit, IES Virtual Environment, Star-CCM+

Machining

Lathe, Mill, Drill, Band Saws, Rapid Prototyping

Others

Language

English and Swedish (Native)

Interests

Skiing, Cycling and Food