

# MENTOR ID 1

## EDUCATION BACKGROUND

Qualification	Institution	Year of Graduation
Chemical Engineering	University of London	2013
Advanced Chemical Engineering	Imperial College London	2017

## CAREER OVERVIEW

Company Sector	Current Role	Mentor Location
Engineering	Systems Engineer	Newcastle, United Kingdom

### Company Description

We are an engineering, management and development consultancy with worldwide operations and presence. We focus on engineering, planning and design consultancy for the built environment. Working alongside partners including architects, developers, governments, multi-lateral and bi-lateral agencies around the world, we support clients with the development, simulation and testing of powertrain systems.

### Role Description

I lead the structural engineering input on building projects in developing contexts, working with local partners following a collaborative and capacity building approach. I have also managed multi-disciplinary teams on some projects.

My current role focuses on providing system-wide RAM (Reliability, Availability and Maintainability) and RAM modelling expertise to support major rail infrastructure. I work on both trying to win tenders as well as on live projects.

### Career History

I started working as a graduate structural engineer. My career to date and area of expertise has focused on railway systems and reliability engineering. I have worked in a variety of technical and functional roles spanning across asset management, maintenance and more recently in design delivery. I joined my current company after the MSc and a few years of working in their specialist seismic engineering team I moved to their international development group almost 3 years ago. I became interested in working on projects where technical expertise is perhaps most needed

### Mentor indicated that they could particularly support a mentee with...

Internship/job application support	Career exploration
Understanding how to build a network	Industry insight
Confidence building	