**Joe Davis**

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# PROFILE

Meticulous and innovation-focused civil engineer with 10+ years of experience in road and rail bridge construction. Highly skilled in project management having worked with teams both in the UK and abroad. Currently, seeking further challenges in large-scale projects. Willing to relocate and eager to develop new skills in line with industry best practice.

# WORK EXPERIENCE

## Civil Engineer

Seuricor Construction Ltd., UK, UAE and China January 2015-Present

* Managed construction of six motorway bridges from Hangzhou to Yancheng in China as consulting engineer, completing all projects under budget.
* Contributed to internal development of software and sensors to detect shear stresses on cable-stayed bridges, improving safety on eight older structures in England and Scotland.
* Led on design of twin steel truss bridges crossing the Yangtze at Wuhu, winning plaudits from local authorities for rapid and cost-effective construction.
* Collaborated on procurement of bridge maintenance contracts for newly finished structures in Dubai, making a 10% saving on originally projected costs.

**Engineering Intern and Associate Bridge Engineer** Sanders & Smythe Project Solution, UK and ROI September 2012-December 2014

* Contributed to design and construction of overpasses on a 100-mile-long stretch of the M1 extension.
* Undertook research opportunities into maintenance of cantilever structures using the Forth Bridge.
* Developed project management skills, leading teams of up to 20 maintenance technicians.
* Produced new supply of USM instruments for in-service steel bridges, achieving a 12% cost-saving compared to previous supplier.

**Junior Civil Engineer**

Racon & Lewis Lts., York, UK August 2010- March 2012

* Assisted senior engineers with tasks related to ensuring project success.
* Inspected all materials to ensure project specifications and quantities properly met.
* Examined all major structures and supervised any revisions made.
* Monitored construction and inspected installation of major systems.
* Assisted with and independently produced many engineer reports.

# EDUCATION

## BSc Engineering, September 2007-June 2010

De Montfort University, Leicester

# Skills

* **Data Analysis**. Adept at stress tolerance analysis for new and existing materials to determine optimal construction and maintenance methods.
* **Teamwork**. Acted as leader and member of multiple international teams.
* **Adaptability**. Ale to develop agile responses to budgetary and time-based constraints.
* **Communication skills**. Maintained high levels of communication with team members and stakeholders using a variety of channels.
* **Design skills**. Led on innovative and low environmental impact designs.

# Awards

* Shortlisted for British Engineering Excellence Awards Design Team of the Year, 2018 and 2019.