**Michael Graham**15/16 Hermand Crescent  
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**Education**

**MEng. Civil Engineering, Merit**  2008 - 2013 University of Strathclyde, Glasgow, Scotland

Dissertation: ‘Transport Strategic Plan for the 2014 Commonwealth Games and Legacy’ – Transport Engineering

Final Year Project: ‘Glasgow Port Design’ – Structural Design and Project Management via a holistic design.

Won the departmental Ed McCann Design Project Competition 2012, aimed towards the development of abilities required in humanitarian training and relief work.

**St. Mac Nissi’s College, Garron Tower** 2001 – 2008*Antrim, Northern Ireland*

A Level: ICT A, Maths B and Physics D

GCSE: 9 GCSE qualifications including additional maths, English and English Literature and French

**Work Experience**

**AECOM**  August 2014 - Present*Civil Engineer, Rail, Edinburgh, Scotland*

* Michael has provided instrumental civil design work on some of AECOM’s largest rail projects including Northern Hub, Aberdeen to Inverness, HS2 and has provided drainage design for several station projects.
* Created designs, calculations, sketches, diagrams, schematic drawings and final working drawings.
* Gathers and correlates basic engineering data using established and well-defined civil engineering procedures
* Proficient in using computer software as a tool for solving basic engineering problems. Tools include Micro Drainage, MicroStation, AECOsim and AutoCad.
* Performs work in accordance with agreed upon budget and schedule
* Promotes SH&E good practice within team
* Possess leadership skills as shown in communication with fellow Engineers and Technicians
* Completed Graduate Development Programme – Jan 2017
* Michael has shown an ability to work within a multi-disciplinary team, whilst promoting knowledge sharing. Michael always seeks to improve, whilst supporting others and when necessary has acted as a team lead.

**BALFOUR BEATTY RAIL,** January 2014 – August 2014  
*Delivery Engineer, London, England*

* Contribution to conceptual design taken forward to development of detailed design.
* Liaising with project manager, client and third parties, including Network Rail in the development of design and preparation technical reports.
* Carry out risk assessments and provision of design information for Health and Safety.
* Understand own contribution and impact on projects and have developed an awareness of the implications for projects through the project management system.
* Site experience increased awareness of Health & Safety and programme management.

**GROSVENOR BAR & CINEMA** July 2007 - January 2010*Sales Supervisor, Glasgow, Scotland*

* Promoted on merit to become a weekend Sales Supervisor, taking responsibility for a team of three members of staff, cash handling and being a key holder for the business.
* Taught me effective management strategies, as well as ways to motivation techniques.
* Enhanced my interpersonal skills through constant interaction with the public, supervising the team and liaising with management and Head Office.
* Required the ability to quickly learn bespoke computer programmes used to place telephone bookings and aid stock taking.
* Used my creativeness and initiative to implement unique business events. Going beyond my job role, I showed ambition to work in an area I was passionate about.

**Volunteer Experience**

**UNIVERSITY OF STRATHCLYDE**  March 2011*Telephone Operator, University Alumni Fund*

* Making a high level of outbound calls to alumni enquiring concerning the University Alumni Fund. This has developed my ability to communicate clearly, to work effectively under pressure and improved my confidence.
* Required strong listening and problem solving skills. As well as the ability to present information clearly and effectively.
* Working as part of a team, maintaining a targeted call ratio, requiring both self and team motivation.

**Accomplishments**

* Ed McCann Design Project Competition 2012, aimed towards the development of abilities required in humanitarian training and relief work. **University of Strathclyde 2012**
* Teambuild Future Leaders Competition Finalist **AECOM 2015**
* Completion of Graduate Development Programme **AECOM 2017**