Shaun Taheri

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*Polyglot software developer that treats code as a craft
and is comfortable working across the whole stack.*

Skills

Languages Java, Python, Julia, JavaScript, Miranda, C, Scheme, SQL, MATLAB

Design Object-oriented, Functional Programming, Relational Database

Software Arch Linux, OS X, Windows, Emacs, Vim, Git, LATEX, PostgreSQL, SAS, Android

Leadership Team manager for analysts and mentor for junior developers.

Experience

2010 – 2012 Senior Analyst, *Centrica plc.*, Edinburgh.
Lead a team of 4 analysts within the Operations Team, with a key aim of moving disparate desktop applications to a cohesive web-based platform.

- Implemented a RESTful web server using Node.js and JSON messaging through HTTP for an internal web portal supporting thousands of concurrent users.
- Real-time reporting interface provided with highcharts.js, used to provide a visual representation of incoming call centre data, reducing complex business reporting turnaround time from days to minutes.

2008 – 2010 Data Analyst, *Centrica plc.*, Edinburgh.
Extensive SAS experience for efficient data analysis on terabyte scale datasets.

- Designed and implemented an automated, database-backed system that collates a wide range of data from external sources. Improvement over the previous, manual system in net revenue from £4m to £7m per annum as a result.
- Developed scripts to automatically collate industry-wide data flows between energy suppliers removing the need for a manual entry process.
- Implemented a project to identify customers with de-commissioned meter types that require replacement, with an automated system to send and track emails to relevant parties.
- Delivered reports to track messages sent to customers' meters, highlighting individual points of failure.

Education

2012 – 2013 MSc Computer Science (Distinction), *University College London*.
Summer project on creating a Julia framework for a MATLAB machine learning toolbox.

2005 – 2009 MA Economics (Honours), *University of Edinburgh*.
Final year dissertation on approximating optimal play in Texas Hold'em poker.