

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, L^AT_EX, PostgreSQL, SAS, Android
Leadership Team manager for analysts and mentor for junior developers.

Experience

2010 – 2012 Senior Analyst, Centrica plc., Edinburgh.

Led a team of four analysts within the Operations Team, with the 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 developed with highcharts.js, used to provide a visual representation of incoming call centre data. Reduction in 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 relational database system that collates a wide range of data from external sources. Improvement over the previous system increased net revenue from £4m to £7m per annum.
- Analysis of multiple sources of industry data to identify customers with de-commissioned meters. Subsequent development of an automated system to send and track progress emails for their replacement to the relevant parties.
- Developed VBA scripts to automatically collate industry-wide data flows between energy suppliers, removing the need for a manual entry process.

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.