Shaun Taheri

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*Polyglot software developer that likes crafting well-factored,
maintainable code that adds business value.*

Skills

Languages	Python, Java, 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   **Master of Science in Computer Science**, *University College London*.

Summer project on creating a Julia framework for a popular MATLAB machine learning toolbox.

2005 – 2009   **Master of Arts in Economics**, *University of Edinburgh*.

Final year dissertation on approximating optimal play in Texas Hold'em poker.