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 (Haskell), C, Scheme, SQL, MATLAB, SAS

Design: Object-oriented, Functional Programming, Multiple Dispatch, Relational Database

Software: Arch Linux, Node.js, Android, PostgreSQL, Hadoop, MongoDB

Leadership: Team manager for analysts and mentor for junior developers.

Experience

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

Centrica plc. **Edinburgh**
Data Analyst *2008 – 2010*
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

University College London **London**
Master of Science in Computer Science *2012 – 2013*
Summer project on migrating a popular machine learning toolbox from MATLAB to Julia.

University of Edinburgh **Edinburgh**
Master of Arts in Economics *2005 – 2009*
Final year dissertation on approximating optimal play in Texas Hold'em poker.