

Shaun Taheri

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*Polyglot software developer, interested in crafting
well-engineered software that adds business value.*

Skills

Languages: Java, JavaScript, Haskell, Python, C, SQL

Modelling: Relational Databases, Object-oriented Programming, Functional Programming

Computing: HTML5, Node.js, Arch Linux, NoSQL, Android, Windows Store

Leadership: Team manager and mentor for junior developers; ran weekly university poker society tournaments for hundreds of members

Education

University College London

MSc Computer Science

2012 – 2013

Focus on data structures, software engineering, functional programming and information retrieval.

University of Edinburgh

MA Economics

2005 – 2009

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

Experience

Centrica plc.

Edinburgh

Technical Lead

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 types, reducing complex business reporting turnaround time from days to minutes.

Centrica plc.

Edinburgh

MI Analyst

2008 – 2010

Extensive SAS experience for efficient data analysis on large sets of data (billions of rows).

- 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.