

# Shaun Taheri

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

## Skills

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**Languages:** Java, Python, JavaScript, Julia, Miranda, Haskell, C, SQL

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

**Frameworks:** MapReduce, Node.js, Android, HTML5, Arch Linux, NoSQL

**Leadership:** Team manager and mentor for junior developers. Ran weekly university poker society tournaments for hundreds of members.

## Education

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### University College London

*Master of Science in Computer Science*

2012 – 2013

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

### University of Edinburgh

*Master of Arts in Economics*

2005 – 2009

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

## Experience

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### 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

*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.