

# Shaun Taheri

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*Polyglot software developer that treats code as a craft.*

## Skills

- Languages** Go, Python, Java, Julia, JavaScript, Ruby, Miranda, C, Scheme, Bash, SQL, MATLAB
- Design** Object-oriented, Functional Programming, Relational Database
- Software** Linux, OS X, Windows, Emacs, Vim, Git, Docker, L<sup>A</sup>T<sub>E</sub>X, PostgreSQL, ElasticSearch, SAS
- Leadership** Team manager and mentor for junior developers.

## Experience

### 2013 – 2014 **Senior Developer**, *LShift*, London.

Broad consulting experience utilising deep technical expertise applied over a range of client projects.

- Development of typesetting platform in Python and Ruby to automatically extract content and structure from Google Docs documents and present template formatted PDF output.
- Internal wiki and document crawler written in Go for distributed indexing and searching with ElasticSearch.
- Continuous Delivery through the introduction of Docker containers to streamline deployments and provide repeatability within the build process.

### 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**, *University College London*.

Java Programming (100%), Architecture and Hardware (90%), Systems Infrastructure (93%), Algorithmics (89%), Functional Programming (85%), Software Engineering (68%), Project (66%)

### 2005 – 2009 **MA Economics**, *University of Edinburgh*.

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