

# IAN FORSEY

## Scala Developer

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## ABOUT

My name is Ian and I love Scala! I have 10 years development experience. I introduced Scala to Net-A-Porter in 2011 whilst working in the labs team. Over the following five years I drove Net-A-Porter's investment in Scala, providing beginner Scala workshops for near 100 employees, opensourcing as much as possible, speaking about Net-A-Porter's use of Scala at LSUG and Scala eXchange. By 2015 Net-A-Porter had 15+ Scala applications in production across 7+ teams.

Today, at [lemonlabs.io](http://lemonlabs.io), I enjoy taking this experience to help other companies with their Scala projects through contracting and training

## WORK EXPERIENCE

### Senior Scala Contractor, HMRC

February 2017 - Present

#### Highlights

- Scala Developer in the Government Gateway team

### Director, Lemon Labs

February 2017 - Present

#### Highlights

- Helping companies with their Scala projects by contracting, running training sessions and proving opensource software

### Associate, Equal Experts

February 2017 - Present

### Principal Developer, Net-A-Porter

November 2014 - January 2017

One of four Principal Developers in a 300 strong IT team. Working in a agile environment, shaping the technical direction of the Product Team by building available, scalable and fault tolerant applications that expose product data to the customer

#### Highlights

- Scala, Akka, Spray, Gatling
- AWS EC2, Autoscaling, CloudFormation, CloudWatch, S3
- Successfully served thousands of req/sec from the Net-A-Porter RESTful product API on sale days
- Ran internal Scala workshops many times over the last two years for a total of 80+ people
- Last 9 months was on parental leave

### Senior Developer, Net-A-Porter

December 2013 - November 2014

Member of the Product Team, building the Net-A-Porter product API

### Highlights

- Scala, Akka, Spray, Solr
- Committer to the popular spray/akka-http library, contributing [redirection support](#)
- Active member of the Net-A-Porter [techblog](#)

## Java Developer, Net-A-Porter

May 2010 - December 2013

Member of the Labs Team working on both long term project, as well as building prototypes and proof of concepts using a variety of different languages and technologies

### Highlights

- Scala, Akka, Spray, MySQL, Lift, Java, Spring
- Worked on many small projects, including the Net-A-Porter iPad magazine, a GoogleTV shopping app, visual similarity product indexer and new Wish List stack
- Introduced Scala to the company, which has grown to 15+ production applications, across 7+ teams as of 2015
- Drove the first project at Net-A-Porter to extract website functionality from a monolithic webapp into it's own end-to-end stack

## Junior Java Developer, Net-A-Porter

December 2008 - May 2010

Adding features and bug fixing for the Net-A-Porter site. Worked on the release of theOutnet, the sister sites for Net-A-Porter

## Junior Java Developer, Avenca

June 2006 - July 2008

Created applications to analyse data from black box recorders for high speed trains, oil tankers and cruise liners

# EVENTS

## London Scala Users' Group - Speaker

March 2015

Presented lessons learned whilst building the Net-A-Porter RESTful Product API in Scala and Spray

## Scala eXchange Conference - Speaker

December 2013

Presented our use of the Actor Per Request model for the Wish List API at Net-A-Porter

## Edit Amplify: Youth Tech - Group Leader

June 2013

A day of running a workshop for groups of 13-14 year old students, with the aim of getting them excited about working in technology!

## Google IO - Demonstrator

May 2011

Demoed the Net-A-Porter GoogleTV App in a booth decked out to look like a living room

# OPEN SOURCE PROJECTS

## scala-uri (263 stars, 37 forks)

Simple scala library for building and parsing URIs ([link](#))

## spray-actor-per-request (131 stars, 33 forks)

Example spray application that uses the actor per request model ([link](#))

## **pre-canned (34 stars, 15 forks)**

Mocking HTTP services on spray-can for integration testing ([link](#))

# **EDUCATION**

## **Coursera**

September 2013 - November 2013

Functional Programming Principles in Scala (100%, Distinction)

## **Coursera**

November 2013 - January 2014

Principles of Reactive Programming (100%, Distinction)

## **Typesafe**

March 2013 - March 2013

Scaling up with Akka and Scala

## **Solent University**

September 2003 - June 2006

Software Engineering (First Class Honours)

# ★ **INTERESTS**

## **Board Gaming**

- Started the weekly gaming group at Net-A-Porter

## **Internet of Things**

- [Arduino Chilli Plant Watering System](#)
- Raspberry Pi + ZWave Home Automation

