40 Clanricarde Gardens
London, W2 4JW

MARTY J. REYNOLDSON
http://martyreynoldson.com/

+447503 872879
martyreynoldson@gmail.com

EDUCATION

Lancaster, UK	Lancaster University	Oct 2011 – July 2015

MSci Hons Computer Science (With Industrial Experience). 2.1

EMPLOYMENT

Software Engineer	Royal Bank of Scotland	Aug 2015 - Present

NatWest Markets, Syndicate

- **Client Meetings Monitor.** Designed and implemented an Outlook add-in that tracks client meeting activity. This saw huge adoption by teams worldwide in both primary and secondary markets.
- **Client Meetings MI.** Created a VSTO C# solution which uses '*Client Meetings Monitor*' data to produce colour-coded reports. The '*Client Meetings'* solution became a key contributor to client relations metrics.
- **Syndicate Dashboard.** Used AngularJS, NodeJS and C# to migrate legacy solutions into a single web-based application. This application hosts primary markets deal-related information and documentation.
- **Investor Feed.** Implemented a Windows Service that communicates with various internal systems and uses object comparisons to synchronize golden source counterparty static with RBS's 'book building' application.
- **Deal Monitor.** Created a C# Excel add-in solution that verifies impartial bond allocation, flags orders that break selling restrictions and processes sales credits based on performance.

Software Engineer, Intern	DemoPad Ltd.	Jan 2015 – Mar 2015

- **Device Drivers***.* Implemented device drivers in C++ and Lua to integrate lighting (*Rako*) and thermostat (*Nest*) control with DemoPad's flagship smart home automation processor – Centro8.
- **Apple Watch App**. Designed and implemented an Apple Watch application to leverage Centro8's smart home control and feedback capabilities.

Technical Consultant	KitchPack Ltd.	Aug 2014 – Sep 2014

- **Marketing Strategy.** Discussed potential solutions with the owners to improve company awareness.
- **Web Scraping**. Used Scrapy/Python scripts to accomplish the agreed marketing strategy. Implementation saw sales increase by 35% over the first month and a noticeable increase in feedback via social media.

Software Engineer, Intern	Lancaster University: InfoLab21	July 2014 – Sep 2014

Knowledge Business Centre

- **Consultation.** Worked closely with clients to scope their requirements into manageable projects and meet specific design and implementation needs.
- **Twitter Report Generator**. Created a bespoke web application with PHP/Laravel. This generated progress reports based on the client's customers' Twitter activity e.g. tweets, retweets, followers etc.

UNIVERSITY PROJECTS

- **Automated Spear-phishing System**. Designed and implemented a system that crafted spear-phishing email messages based on publicly available information to validate effectiveness. *Python, Java, Scrapy***.**
- **Chord Implementation**. DHT network and RESTful system that allowed multiple clients to submit computational tasks. This used a RESTful service to run tasks asynchronously using a DHT network. *Java, Apache Tomcat.*
- **LUFELF Android App.** Part of a team that designed and implemented an award-winning android application. The application was a friends, events and location finder. Java, *Android.*

Languages and Technologies

- *Proficient with: C#, Java, SQL*
- *Experience with: JavaScript, Python, C++, Lua, PHP, Objective-C*