Mr. Courtney Robinson - Google "zcourts"

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Personal Statement

I am an ambitious and determined individual whom one day desires to become an influential practitioner within the IT industry. I enjoy working with others, especially on challenging and complicated tasks. Doing so provides me with the opportunity to not only efficiently reach targets; it also allows me to be innovative and expand my knowledge by learning from others. I am keen to learn new things and always try to be optimistic but realistic.

Professional Experience

During the last year I have been working with some friends to create our own start up. We still work on the project and will have a Alpha version released shortly. For this project I have worked with **Python**, Scala, Java, **JavaScript** and other web related technologies including **Google's AngularJS** framework. Our use of open source projects have lead to us finding several bugs in these projects, many of which I have contributed patches for. I developed and open sourced a networking framework, **Higgs.IO** under the Apache 2 license.

Before this I worked with DataSift, during which my role was generic enough to allow me to contribute to several areas within the company. For example, I worked with the front end team on the company's website which was written in PHP. I then moved on and developed the company's public **REST API**, also in **PHP**. From there I started working with the data warehousing team where the job was largely in **Scala** and **Java** to interact with **HBase, HDFS & Hadoop**. We developed several in house services, one of which I was responsible for creating alone. The other services were developed in collaboration with the other members of the team.

Prior to working at **DataSift**, I developed an inventory and content management system for a local business, TY Driving School. For this project I was in contact with every stakeholder, from the CEO to the admin staff who use the system. I collected system requirements both by asking them what they wanted and by observing how they performed the same tasks with the old paper based system.

Achievements

- I am currently collaborating with Norman Maurer and **Manning publications** on the upcoming "**Netty** in Action" book.
- Delivered talks and presentations on **Apache Cassandra** (Cassandra London & To University staff)
- Collaborated efficiently with **International partners** from Poland, India and China on various projects.
- I was **Student of the year** at Coulsdon College 2008.
- PHP, Java, Scala and the other programming languages I know were self thought. Java and OOP was later developed further through formal teaching at University.

1st Class BEng Software Engineering degree

Higher Education	BEng (Hons)	Software Engineering	
First year - Subject	**Grade (%)**	**Subject**	**Grade (%)**
Computer Programming	**92**	Analytical Methods	**83**
Logical Foundations	**71**	Systems Architectures	**70**
Systems Building	**86**	Communication Systems	**83**
Second year subjects			
Systems Building 2	**63%**	Algorithms and Modelling	**69%**
Formal Methods	**71%**	Project Management	**67%**
Advance Programming	**87%**	Programming 2	**82%**
Third year - Subject	**Grade (%)**	**Subject**	**Grade (%)**
Web Application Development	87	**3D Computer Graphics**	80
Programming Distributed	71	**Programming Frameworks**	64
Final year project	84		

My final year project evaluated the application/use of Bloom Filters in NoSQL databases with a focus on Apache Cassandra's use.

Notable Technologies:

Operating Systems: Centos, Debian, Ubuntu, Windows XP+

Languages & Libraries: C#, C++, C++ with QT, ASP.NET, PHP, Ruby, JavaScript, ActionScript, Scala, Python, Java, HTML (4 & 5) / CSS (2 & 3) - JQuery, NLTK, Netty, AngularJS, BackboneJS, KnockoutJS, NodeJS, Ajax, XML, JSON, ZeroMQ

Packages/Software: MS Office, Latex,Adobe Dreamweaver, PhotoShop & InDesign, Eclipse, Netbeans, IntelliJ, MS SQL, MySQL, Apache Cassandra, HBase, Hadoop, Netty, **Higgs.IO**

Protocols: FTP, SSH, XMPP, POP, SMTP

Work Experience
June 2012 – present   Fillta
My colleagues and I co-founded a company where we're focused on developing solutions to help reduce information overload. I am the core developer within the 3 member team, our exploits have involved various technologies related to data processing and machine learning, most notably is **Python's NLTK library**. However we've developed our own algorithms and are increasingly involved in developing a **graph processing** system for our data. **Node.JS** has also been used for task automation in our services.

July 2011 – May 2012   DataSift (Industrial placement)
I was a Junior Software Engineer at DataSift. My time there was spent working with several of the company's teams. Technologies and languages varied, from PHP, Java, Scala and some **C++** to **HBase**, **MapReduce** and **Hadoop**. Most of my work was a part of a team, except two projects, the first one I created the what became the company's official **C#** API client library and the second solo project was an internal service.

March 2009 – present   Self employed
I freelanced via ScriptLance.com until they were bought by Freelancer.com, during that type I wrote several small scripts for various people, mostly in PHP/MySQL. My most recent freelance project was for a local business, **TY Driving School**. They own a driving school and shipping company. I developed an inventory and content management system for them. I'd also initially created their website for them which involved creating a custom **Wordpress** plugin and theme. A group of us now work as a freelance team and each member has at least 2yrs experience. Our flagship product **Impulse CRM** is currently being designed and built by us.

September 2009 – 2011   Student Ambassador, University of Greenwich
I became a Student Ambassador and joined the University's program where I undertook various roles which included mentoring other students from the University and partner Colleges.

June 2008 – March 2009   RBS Insurance, Bromley
I worked part time as a sales consultant. During this time I received continued training for building a rapport and other sales skills. Within our team I ensured I helped my colleagues as and when I could to improve ours and the company's performance each month. Sometimes by sharing techniques learnt or by observing each other and suggesting ways in which we could each improve.

Away from sports, programming is one of my hobbies. I like to find freely available programs in various languages and modify them to create my own customized version of that application. I am also somewhat of a language enthusiast, so I am always experimenting with different programming languages.

Reference

Available on request.