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PERSONAL STATEMENT

An experienced project manager and scrum lead with a background in computer networking and scientific research. A strong team player with experience developing, testing and launching new software products and apps within an Agile environment.

A helpful, positive, flexible individual with a love of problem solving and a passion for creating new concepts and challenging existing ideas.

WORK EXPERIENCE

2014-2016 Project Manager in the storage team at OnApp. I was responsible for maintaining and improving the current product line and moving to the use of continuous integration and testing. I also pushed the development and launch of their new DRaaS (disaster recovery as a service) product. Specific skills include Agile, Scrum, Jira, product management and working with customers including Dell.

2011-2015 Student Supervisor at University of Cambridge. I delivered small group tuition for Computer Science undergraduates in several subjects including computer networks and software design (UML).

2012 Internship for Microsoft Research in Cambridge. I worked on a project developing a new networking paradigm for computer data centres. This work was published at SIGCOMM.

2011 QA Lead for Hailo, a mobile taxi-booking app with a large market share in London and Dublin. I led the small team of QA test engineers working with the Agile development team to help develop and test the app from the earliest alpha versions through to full commercial launch. This included creating test plans, regression testing and field testing of the application.

2006-2010 Senior Researcher at BT Research. I completed BT's grad scheme, which included management and leadership training and Agile methodology. I worked on Future Internet protocols and congestion exposure. I led a successful MoD-funded research project and I was heavily involved in BT's work at the IETF (the standards body for the Internet).

KEY PROFESSIONAL SKILLS

Project Management: I have managed a small Agile team (8 members) working on new software products and supporting the existing product portfolio. UML, product development, test planning, CI/CD.

Agile Development: I have experience of working in and leading scrums. Familiar with Atlassian products including Jira. Used to clearing backlogs and defining sprints and releases.

QA Testing: I have experience of devising and implementing test plans, setting up automated testing, continuous integration and regression testing for mobile apps, user dashboards and distributed systems.

Programming: experience of C, C++ and Python development. At OnApp I helped develop a set of automated build and test scripts in bash. I also have some experience with HTML, CSS and Django.

Research: I have spent a decade working in network protocol research. I am an acknowledged expert in Internet transport protocols (TCP/IP) and am the author of 3 Internet Standards.

EDUCATION

2011-present University of Cambridge, PhD. I am currently completing corrections to my dissertation. My thesis explores novel mechanisms for low latency networking within data centres. This has triggered the creation of a new Internet Standards working group.

2003-2006 University of Essex, PhD. I spent 3 years working towards my PhD before I realised that the field I was working in no longer interested me. I subsequently joined BT Research.

1999-2003 University of Essex, MEng. I graduated in **Electronic and Telecommunications Systems Engineering**. I received a Distinction and was the top student in my year.

LEADERSHIP EXPERIENCE

Whilst at the University of Cambridge I was **Vice President** of my College's Students' Association, the elected student body responsible for all social and sporting activities within the college. As VP I was also a member of the College's Governing Council. One of my main achievements was to write a new constitution for the Students' Association and to get this adopted by the college.

In 2013 I was **President** of the organising committee for my College's annual summer ball. This was a large-scale all-night event for 800 guests. The budget was approximately £25,000 for the night. The event gave me experience of managing a large team, handling last minute changes of plan (one of our main acts pulled out at the last minute) and liaising with all the relevant authorities before, during and after the event to ensure it ran smoothly.

I spent 5 years volunteering for **St John Ambulance**, starting when I was at the University of Essex. I helped to set up and run a university-based unit, transforming it from a simple provider of first aid training to a fully active unit providing cover for large-scale events on- and off-campus. Following this I subsequently became a **County Staff Officer** responsible for all members aged 18-25. I was also a qualified ambulance technician, which gave me experience of dealing with extremely high-pressure, emergency situations.

HOBBIES AND INTERESTS

I have a strong interest in the "maker movement". My main interest is in creating laser-cut models of buildings and laser-cut wooden puzzle boxes. I also have a keen interest in electronics and enjoy playing about with things like Arduinos and Raspberry Pi. One of the coolest things I have created is a prototype of an interactive streetlight that uses a grid of programmable LEDs to display real-time traffic information.

I love the outdoors and have always been keen on walking and hiking. From this I have developed a love of landscape and wildlife photography. I have been a climber for much of the last 15 years, although recently I have had a spate of injuries that have prevented me being able to climb. As an undergraduate I was heavily involved in the University of Essex Mountaineering club and organised several expeditions to climb in the Alps.

OTHER SKILLS

Languages: I have been learning German in my spare time and am currently at approximately AS standard. I also have some French, though I haven't studied it recently.

Driving: I have a full, clean UK driving license, including C1 and D1 categories. I have extensive experience driving minibuses and vans.

First Aid: I have wide-ranging First Aid experience gained through my time in St John Ambulance, although currently my FAW certificate has lapsed.

REFERENCES

References are available on request.