

## Rufus Russell

Work	<b>Software Engineer</b> , IBM Bluemix Garage, London February 2017 – Present I am currently an engineer in a self-contained team with a startup culture working for the IBM Bluemix Garage in London. We enable customers to innovate quickly using IBM technologies, while applying best development practices such as pair programming and test driven development.
	<b>Software Engineer</b> , IBM Cloud, Hursley August 2015 – February 2017 I was part of a small team focussed on cloud networking. We developed tools to automate firewall changes, enabling us to rapidly scale from 3 to 60 gateways over 18 months without adding team members. We also successfully developed monitoring solutions to health-check our gateways, and highlight misuse of service in the IBM Container Service.
	<b>Graduate Software Engineer</b> , IBM MQ, Hursley January 2014 – July 2015 In my first role at IBM I developed C code for a new offering – the IBM MQ Appliance. This role culminated in co-authoring a technical document entitled <i>Integrating the IBM MQ Appliance into your IBM MQ Infrastructure</i> , which you may find online or linked if you click here.
Education	<b>Physics MPhys</b> , Durham University October 2009 – June 2013 2:1 (Hons), with a first in my masters thesis, for my computational final-year project entitled <i>Modelling Mitochondrial Motility</i> .
	<b>A Levels</b> , Ralph Allen School, Bath September 2007 – June 2009 A2: Physics (A), Mathematics (A), Further Mathematics (A), Geography (B)
Work Experience	<b>Werkstudent</b> , Corporate Technology, Siemens AG, Erlangen (DE) Aug – Sept 2012 My main role was to manufacture fibre optical strain, temperature, and acceleration sensors, which are used to monitor high voltage equipment. I also designed and built an interrogation unit for fibre optical sensor calibration and demonstration.
	<b>Lab Assistant</b> , Max Planck Institute, Erlangen (DE) Aug – Sept 2010 I assisted in an investigation into the optical properties of conically tapered gold nanowires using optical fibres. From this work two academic papers were written.
Positions of Responsibility	<b>Various Roles</b> , IBM Graduate Scheme 2014 – 15 On top of my core role, I was part of a team who organised 3 separate 2 week group-project style placements for year 10 and 11 students, which I found very challenging. I lead the project for the July 2014 intake of students. I also lead a team which organised social events including a Christmas meal, a trip to Bletchley Park, and summer BBQs.
	<b>Various Roles</b> , Hatfield College JCR 2009 – 13 Pool Club Team Captain (2009–10), Boat Club Captain (2010–11), Pool Club Treasurer (2011–12), Pool Club Secretary (2012–13)
Other Skills	Basic German through Siemens placement & parent's residence. I enjoy running, reading, playing guitar and violin, and exploring. I hold a full UK car driving license.  For any enquiries, please contact me through my github page, <a href="https://github.com/rufus">rufus.github.io</a> .