

Jessica Clarke

Personal Data

Date of Birth	27 th March 1996
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Work Experience

Jun 2017 – Sep 2017 (12 weeks)	Intern at Arm, Cambridge Worked in the Systems and Software Group group on testbench verification and analysis for multiple blocks in active development.
Jun 2016 – Sep 2016 (12 weeks)	Research Intern at Microsoft Research, Cambridge Worked in the Systems and Networking group on Pelican (see <i>Jun 2015 – Aug 2015</i>). This included a rewrite of the underlying storage backend, implementing failover, and designing additional protections.
Dec 2015 (2 weeks)	Research Intern at Microsoft Research, Cambridge Worked in the Systems and Networking group, designing and implementing a key-value file system for SMR (Shingled Magnetic Recording) hard drives.
Jun 2015 – Aug 2015 (8 weeks)	Research Intern at Microsoft Research, Cambridge Worked in the Systems and Networking group on Pelican, a rack-scale hard disk based storage unit designed for storing cold data.

Open-Source Work

Dec 2016 – <i>Present</i>	Debian Developer The Debian Project is a worldwide organisation, comprised mainly of volunteers, which strives to produce a reliable and free operating system. As a full Debian Developer, I am continuing to support the 64-bit SPARC port.
Feb 2016 – Dec 2016	Debian Maintainer As a Debian Maintainer I worked on the 64-bit SPARC port. This included fixing bugs in GCC, binutils and the Linux kernel. I also added 64-bit support to the existing old, unmaintained 32-bit SPARC native code generator in GHC.

Education

Oct 2014 – Jun 2018	Trinity College , Cambridge BA & MEng Computer Science (with Mathematics) Part IA: Class I Part IB: Class I Part II: Class I Part III: Distinction
Sep 2009 – Jun 2014	St Paul's School , Barnes, London John Colet Scholar (Academic Scholarship) STEP: Maths I S Maths II S Maths III 1 A2: Maths A* Further Maths A* Physics A* Computing A* AS: Chemistry A GCSE: English Language [†] English Literature Maths [†] Physics [†] (†: IGCSE) Chemistry [†] Biology [†] Latin French [†] Italian History Systems & Control Other: Represented the UK as part of a team of 4 at the 2013 International Olympiad in Informatics

Interests

Music	Violin (Grade 8) Piano (Grade 7) Singing (Grade 8) Guitar
Sports	Golf (Handicap of 23) Skiing