

Lorenzo Stoakes

Curriculum Vitæ

WORK EXPERIENCE

MARCH 2012 – PRESENT

SENIOR SOFTWARE ENGINEER, RESIN.IO

Technology Startup

I joined resin.io shortly after it was founded and have worked in a number of different roles within the company – starting with consulting work, developing a scheduling system for display advertising, and the entirety of the frontend for a healthcare application using a mobile touch interface developed solely using web technologies.

After the company received funding I did all of the initial frontend development of resin.io's website before moving on to system development where I was one of a two person team who ported Docker to ARM long before Docker officially supported it, helped update our OpenVPN instance to be more robust with multiple device connections, helped support users in hundreds of direct contacts and managed the support process to great acclaim, managed hiring performing over 150 interviews and ported docker to the MIPS architecture.

JULY 2007 – MARCH 2012

SOFTWARE DEVELOPER, MAPLE SECURITIES UK

Proprietary Investment Bank

At Maple Securities I worked on a number of systems relating to the front and back offices where I used C#, T/SQL for SQL Server and maintained a number of large code bases written in these languages. I solely developed a compliance trade reporting system, a trade import system, maintained our proprietary front end trade input system, and assisted in supporting our existing Back Office reconciliation system handling many millions of pounds in assets.

NOVEMBER 2005 – JULY 2007

GRADUATE SYSTEMS DEVELOPER, PARSONS BRINCKERHOFF

Civil Engineering Consultancy

At Parsons Brinkerhoff I pioneered the use of .net and C# to assist with staff management, introducing an application which assisted in tracking their qualifications and training. I achieved this by teaching myself C# and successfully advocating for its use.

SKILLS

Languages	C, Go, Coffee/JavaScript, C#, Bash.
Technologies	Linux scripting and tools, kernel development, Docker and containers, Qemu, OpenVPN, Node.js, Angular.js, promises Windows, .net, SQL Server, and OS X.

🏠	Flat 4, 49 Polsloe Road, Exeter EX1 2DS
📞	(07539) 048345
✉	lstoakes@gmail.com
💻	ljs.io

EDUCATION

2005 **MEng Civil Engineering**

2:1

Imperial College, London

2000 **A-Levels**

A – Physics, Maths, Further Maths

B – Economics (As)

Exeter College, Exeter, Devon

1998 **GCSEs**

3 A, 3 B, 3 C

St. Lukes High School, Exeter, Devon

OPEN SOURCE

LINUX KERNEL

11 contributions

I've contributed patches to the Silicon Motion 750 Frame Buffer chipset driver (SM750FB), the Realtek 8192 USB Wifi chipset driver (RTL8192U), and mainline code in which I fixed an issue with gcov functionality for GCC versions 5.1 and above.

I also completed the Eudypula Challenge (less than 1% of people who start finish it) which covers driver development, kernel memory management, debugfs, sysfs, system calls, kernel threads, networking and file systems.

CHROMIUM (CHROME) BROWSER

9 contributions

I contributed a fix to correct DOM element FocusIn/FocusOut event behaviour (this issue was capable of causing a browser crash) as well as a number of Mac-specific and visual fixes.

GO PROGRAMMING LANGUAGE

3 contributions

I made contributions to the core Go compiler, specifically handling recursive types correctly and fixing a number of incorrect error messages.

REFERENCES

References are available upon request.