

# Eddie Latimer

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1<sup>st</sup> class graduate software engineer - confident, enthusiastic and adventurous.

## Education

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### 2010-2014 The University of Bristol

#### MEng Computer Science - 1st class honours

- Best final year business plan, written to accompany the dissertation product.
- 'Best Third Year Group Project' awarded and sponsored by IPL.
- 'Best Second Year Software Product Engineering project' awarded and sponsored by IBM.
- Awarded a prize from Ernst & Young for a report on the state of the software engineering industry.
- Work-In-Progress paper published in CHI 2014.

## Employment

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### Software Engineer

### Ubisense Cambridge

2014 – 2016

Developed and created support software for their Real Time Location System 'SmartFactory':

- Dramatically speed up troubleshooting and allowed many configuration problems to be pre-empted in several factories; by creating a package that automatically analyses log and trace files.
- Cleared noise from UIs and reduced the size of a type of data file often by over 80% in several factories; by creating a package for cleaning up redundant information from system data files.
- Allowed easier system set up and reconfiguration and higher uptime; by enhancing the configuration programs to partially run even when some background services are not working.

Honed skills in writing robust, simple and maintainable code.

### IT support staff

### Bristol University ResNet

2012 – 2014

Fixed software problems on students' laptops and mobile devices (Student Laptop Clinic).

Developed my ability to communicate technical ideas in layman's terms.

### Website Developer Intern

### Fluent Ltd.

Summer 2010

Designed and implemented a dynamic hotel-agent website for a client.

Learnt the essential theory of web stack; including the languages PHP, CSS, HTML and SQL.

## Programming & Scripting Language Exposure

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C++	18 months professional experience (Ubisense); wrote a ray tracer from scratch; implemented object, facial and gesture recognition programs (OpenCV); HPC (OpenCL) and developed for Arduinos.
C	Wrote an ARM interpreter, an FFT program and programs that have been run on Bristol University's super computer 'Blue Crystal' utilising the OpenMP, MPI and OpenCL libraries.
Java	Wrote a Naive Bayes spam filter, a compiler, a disaster response app (see volunteering); wrote and maintained a database querying class for a media player using jQuery.
C#	3 months professional experience (Ubisense).
Databases	Oracle, SQLite & MySQL: produced a developed databases for a media player and a hotel agent website.
Other	Python, Batch, Bash, Haskell (occasional professional use and personal interest); I love learning new skills and languages.

## Other Interests

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**Volunteering:** Created an award winning disaster response app for a large UK NGO at a hackathon; Scratch teacher at local primary school; organiser and group leader of community volunteering initiatives; volunteer leader at local youth group. **Cultivates humility, develops organisational and leadership skills.**

**Music:** Guitarist and singer, play in and lead a variety of bands; playing live approx. 1-2 times a week. **Improves leadership, organisation and teamwork skills; builds confidence.**

**Outdoors:** Speed mountain climbing, scuba (adv. open water qualified), trekking, kayaking (2\*), bungey, skydiving, DofE Gold, mid-distance running... **Develops confidence, drive and self-discipline.**