



Steven Lowes

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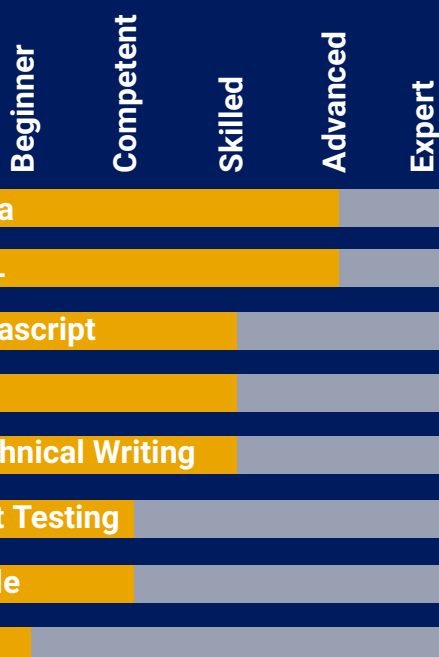
Summary

Second year Computer Science student at Durham University. Excellent problem solver, willing to take time to ensure a solution is optimal. Self-directed and efficient, able to learn new technologies quickly. Proficient public speaker with good communication in teams.

Extensive experience with Java and SQL. Experience with full-stack web development, desktop application development, database creation and administration.

Interested in working on large applications, where scalability and extensibility are priorities.

Skills



Education

2016 – 2019
Durham

Durham University (Trevelyan College)

Bsc Computer Science

- Year 2: On Track for **81%**
- Year 1: **74%** overall, **77%** in CompSci Modules

2015 – 2016
Durham

Durham University (Trevelyan College)

MEng General Engineering

- Year 1: 2:2 Equivalent
- Module - *Introduction to Programming*: **89%**

Switched to the Computer Science Degree after discovering my love for programming

2013 – 2015
Durham

Park View Sixth Form

A-Level Grades:

- Business Studies - A*
- Maths - A
- Physics - B

2008 – 2013
Durham

Park View School

GCSE Grades:

3 × A* 6 × A 1 × B 1 × C

Work

March –
May 2017

Full Stack Developer

Plan for Probate (North) Ltd.

- Developed an online portal to store client information and track payments
- Employed Agile methodologies to keep the owners updated and work to the evolving requirements
- Technologies Used: Java, JSP, Bootstrap, SQL, Javascript, Google Cloud Services

July –
Oct 2016

Java Desktop Application Programmer

E. Hall Tripe & Poultry Ltd.

- Worked from a brief to develop a logistics system for the factory
- The program tracked orders and repeat orders, creating lists of products for the delivery drivers
- The program organised routing for the deliveries, which was previously done by hand
- Technologies Used: Java, Swing, SQL

2013 –
Present

Desktop Application Developer

Lowes Financial Management

- Created and maintained various tools which analyse financial products
- The tools produce graphs and data which are used in literature distributed to clients and have been published in online articles by Lowes
- Technologies Used: Java, SQL, Excel, VBA

Student Groups

President of Code Wars society. Involved in DU Robot Wars team. Actively involved with ShellShock! Improvised Comedy. Elected to sit on societies committee which governs other student groups. Elected as Course Rep and Co-Chair of the Student-Staff Committee.

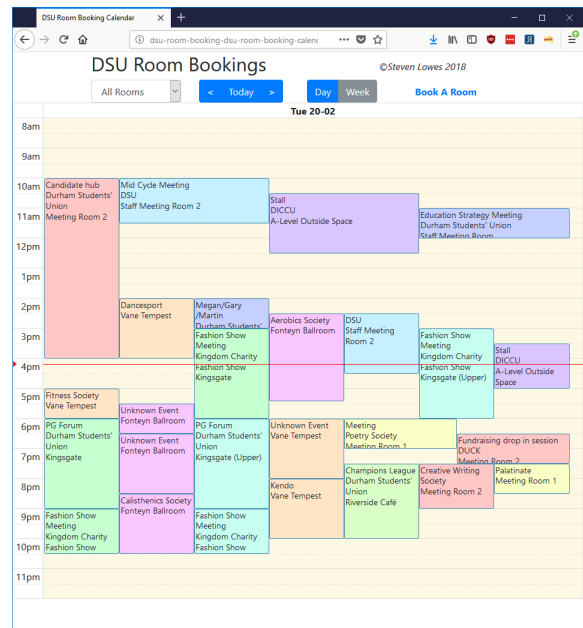
Portfolio

The screenshot shows a web portal titled "Plan for Probate Web Portal". It displays a "Client View (ID: 1002)" for Steven Lowes. The form includes fields for Address (95 Wakeshaw Road, Gillesgate, Durham), Phone Number (07736105946), Mobile Number (07378438686), Email Address (stevenlowes@gmail.com), and Interest Expressed (Product: LPA, Interest Level: Unknown). There are buttons for "Edit Client" and "Delete Client".

Plan For Probate Web Portal (May 2017)

Plan For Probate's internal web portal. Tracks clients, and tasks currently in progress. Allows for file upload and storage for important documents. Secured using Google Login, and Database encrypted to comply with GDPR. Currently used by the company to store and manage all ongoing tasks and client information.

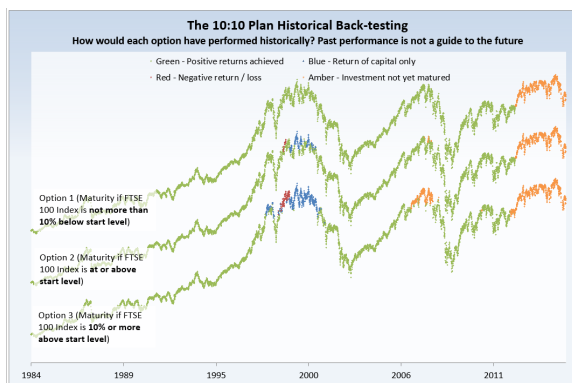
Technologies Used: Java, SQL (MySQL), JSP, Bootstrap, Javascript, Google Cloud Services



DSUrooms.com (Jan 2018)

Created for Societies Committee, to show when rooms in the Students' Union were booked. Received very positive feedback from Student Groups, as previously there was no way to know which rooms were booked. Not yet in full release, but in use by a small group of executive committees.

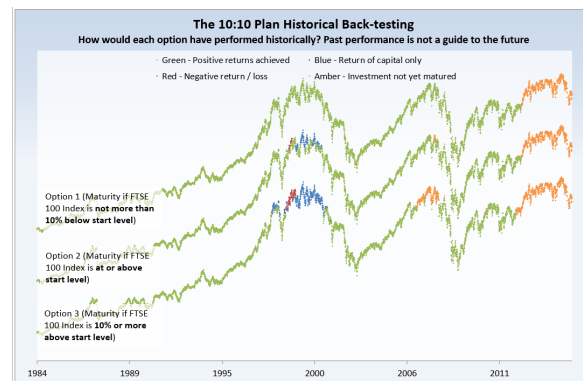
Technologies Used: NodeJS, FullCalendar, Javascript, JQuery, RedHat Openshift



Hospital Patient Information Portal (In Progress)

University Assignment. Focussed on creating GUIs following principles of Human-Computer Interaction. Used the opportunity to learn JavaFX where previously I was only using Swing. Backed by a remote MySQL Database and a DAO layer.

Technologies Used: SQL (MySQL), Java, JavaFX



Autocall Backtester (March 2016)

Tests a specific type of financial product to see how it would have performed historically. This tool allowed the analysis to be performed where previously it was too time consuming. The graphs produced are used in the official product literature and online. The tool also informed the creation of new products, where backtesting revealed them to perform worse than expected.

Technologies Used: Java, Excel