

Josh Bruce

Computer Science

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Profile

A dedicated and confident computer science undergraduate with business exposure in a small and healthy web development company, owned and operated in partnership with a colleague.

Education

2012 - 2016

University of Plymouth – BSc (Hons) Computer Science

Attained a first (1:1) in my first year of degree - Module Results:

- Software Engineering - 90.60%
- Database Development - 87.80%
- Computer & Information Security - 71.80%
- Principles of Programming - 82.85%
- Computer Systems - 71.18%
- Software Development - 61.90%

Selected to be a Student Ambassador while in my second year of degree.

2010 - 2012

Cornwall College St Austell – A-Levels

4 A-Levels - Maths, Computing, Further Maths and Geology.

2005 - 2010

Fowey Community College – GCSEs

14 GCSEs - A-C Including Maths and English.

Experience

2012 - Present

Contracted Web Developer - SalesX, Inc

After being contacted via YouTube, I started working on contracted web development projects for SalesX, this gave me a different experience due to the timezone differences and not being able to meet in person, communication was the key.

2012 - Present

iOS Instructor - Udemy

The Udemy course platform has allowed me to teach students from all around the world how to start developing iOS applications, taking all of the experience and knowledge I have learnt and compiling into a compact a resourceful course.

2012 - Present

Voluntary Instructor - YouTube Channel

YouTube has enabled me to build a small community of programming enthusiasts, where I can show them how to create small applications, which they can incorporate into larger ones. Interaction with this community gives me great satisfaction.

2011 - Present

Web Developer and Business Partner - SurfTrack

Setting up SurfTrack has enabled me to work with some of the things I am most passionate about; technology and programming. Developing websites is something I have really enjoyed doing and has given me a fantastic start, boosting my confidence and knowledge.

Skills

Objective-C

Developing iOS applications is one of my favourite programming activities I love to do in my spare time, learning about new technologies released and also teaching iOS Application Development on Udemy, this really helps me to reinforce my knowledge. I am currently working on a referencing application for education, allowing students to scan their books and other sources, taking advantage of services such as CoreData and AVFoundation. Another project that I am currently working on is a property management application to show properties and for tenants to submit tickets, this takes advantage of services such as CoreLocation and MapKit.

Java

Creating desktop applications with Java within my degree, leveraging object oriented programming and multi-threading. Maximising code reusability and focusing on common problems within software development and solving them with well established design patterns.

MySQL + Oracle

I have been using both of these relational databases to create backend data persistence for applications such as websites and mobile applications. Ensuring data integrity and minimising any data redundancy in the database.

HTML + CSS + PHP

Experience when it comes to designing and marking up a website, these set of skills have been used within every single website I have created for different projects under SurfTrack and SalesX, providing the basis to all websites. With the use of PHP to get data from a database and other server side requirements.

Soft Skills

Teamwork

Working as a team is key when developing software and websites, I have encountered this while creating websites for clients under SurfTrack and SalesX, working alongside designers. This requires good communication with members within the team and completing tasks within the desired deadlines. We often use project management software to keep track of everyones progress and relay information to other members.

Communication

I have acquired good communication skills within team based projects due to not being in an office with my colleagues, having to communicate via email or project management's systems. Managing my time and completing deadlines. This has been particularly useful when working on projects with SalesX as they are based in California.

Hobbies

Dedicated to competitive sport I have played golf from the age of 4, tennis representing my sixth-form college and more recently badminton. All to high standards, gaining various prizes.

References

Available upon request.