

Brandon Hall

1 Willow Avenue, Cedar Lofts Unit 109, Fourways, Sandton, 2191
076 076 2114 | brandonhall94@icloud.com

INFORMATION

- Date of birth: 6 August 1994
- Nationality: South African
- Languages: Afrikaans, English
- Drivers License: Car Drivers
- Passport: South African

EDUCATION

Heriot Watt University

Gauteng

Bachelors of Science Computer Systems

2014 – 2015

Subjects:

- Operations Management
- Software Engineering
- Professional Development
- Computer Graphics
- Knowledge Management
- Interaction Design
- Emerging Technologies

CTI: Bedfordview

Gauteng

Higher National Diploma (Project Management)

2013

Subjects:

- Project Management (Distinction)

CTI: Bedfordview

Gauteng

Informations Systems Software Development Certificate

2013

Subjects:

- Computer Literacy (Distinction)
- Processing and Logic Concepts (Distinction)
- Program Design (Distinction)
- Software Engineering (Merit)
- Database Design Concepts (Merit)
- Database Management (Distinction)
- Creating Web Pages (Distinction)
- Basic C# Programming (Distinction)
- Advanced C# Programming (Merit)
- Linux Operating System (Honors)
- Hardware Essentials (Distinction)
- PERL (Merit)
- Basic VB.net Programming (Distinction)
- Final C# Exam (Distinction)
- Final VB.net Exam (Distinction)
- Final Database Management Exam (Distinction)

H/S Brits

North West

Matric

2012

Subjects:

- Afrikaans
- English
- Mathematics
- Life Orientation
- Physical Sciences
- Civil Technologies
- Information Technologies

EXPERIENCE

Newsclip Media Monitoring

Gauteng

Web Developer

03/2017 – Current

- Create and maintain web applications in AngularJS & Angular 2+(latest versions) with backends in C# Web API using C#, LinqToSql, Entity Framework, SQL.
- Create and adjust database tables / views which are used in the web applications.
- Create services in C# that execute automatically to control internal processes and improve on the company's business and execution of previously manual tasks.
- Build / modify applications to match design specifications or change requests sent through from the marketing departments.
- Attend meetings to discuss and present current progress on internal applications and discuss future projects and processes.
- Learn and apply latest technologies and specifications to new project and update previous projects to these standards
- Research and implement latest technologies across applications
- Use an online git repository to store source code and work with Pull Requests to approve code merges into various branches (Git Flow Standard)
- Use Continuous Integration (CI) to build and package source code in C# to be used in our other applications and API's
- Create and implement JWT Authentication on new projects
- Drive and make decisions on what we do in our projects and how we achieve the end goals

Britehouse (Division of Dimension Data)

Gauteng

Oracle Consultant

07/2015 – 02/2017

- Create and maintain web applications in Oracle ADF using Oracle SOA, PL/SQL and Java.
- Create and adjust database tables / views which are used in the web applications.
- Create internal applications using C and C++ programming.
- Build / modify applications to match design specifications or change requests.
- Attend meetings to discuss and present current progress on internal applications and discuss future projects.
- Attend meetings with clients to discuss and finalize user requirements as well as present solutions to their requirements specifications
- Use an online git repository to store source code

Creative Tension Software Solutions

Gauteng

Software Engineer

03/2014 – 06/2015

- Create and maintain web applications in ASP.NET, C# using HTML, CSS, JavaScript, JQuery, Linq to SQL, Bootstrap.
- Create databases for the web applications in Microsoft SQL Server with normalized tables and various stored procedures.
- Attend management meetings to discuss and present current progress.
- Attend meetings with clients to discuss and finalize user requirements
- Use JIRA to manage and track tasks and issues within sprints
- Use an online git repository to store source code

Referral:

Carlos De Freitas – Director

carlos@creative-tension.co.za

012 024 3801

CTI: Bedfordview

Gauteng

Junior Instructor

09/2013 – 02/2014

- Assist students in their studies by giving them workshops on the modules, clarifying the modules and teaching them the correct way of applying what they've learned
- Marking tests, exams and projects and monitoring where students have issues and assisting them with it.
- Ensuring all students are productive with their time spent at campus during the study hours by keeping them quiet and focused on their work
- Giving parents feedback on their student's progress and in the case of a meeting with the parents attending it to answer their questions

SKILLS

- | | |
|--|--|
| <ul style="list-style-type: none">• C#• VB.NET• Microsoft SQL Server• PERL• MySQL• HTML / HTML 5• CSS / CSS 3• JavaScript• JQuery• AJAX• ASP.NET• WCF Services• Web Services• Delphi• .NET Framework• PHP• Java• MVC• SDLC• Angular 2+ (Latest Versions)• Git Flow | <ul style="list-style-type: none">• Linq To SQL• Bootstrap• Git / SVN• JIRA• Linux• Microsoft Office• Microsoft Windows• Microsoft Visual Studio• Eclipse• JDeveloper• Oracle ADF• C Programming• C++ Programming• Oracle SOA• PL/SQL• XML• XSLT• TDD, Unit Testing• AngularJS• JWT & JWT Authentication• C# Web API |
|--|--|

PROJECTS

Excel Template Generator - Windows Application

- Develop a desktop application that is used to configure and generate an Excel Document Template with columns and fields as specified using the application

Key Generator - Web Application

- Develop a Web Application that will be used to generate encrypted keys with values in the key to be used as license keys for clients using our applications

Build - Web Application

- Develop a Web Application using Telerik based off a desktop application that will be used to maintain and configure other applications developed by us

Build - Web Service

- Develop a Web Service (WCF) which contains all the functions and logic used by Build's Web Application

Redis Support / Development

- Develop and maintain Oracle ADF web applications. Create reports and add functionality to existing applications. Assist client with support calls to resolve issues.

Operations Environment Console

- Develop and maintain an ADF application that dynamically reads and outputs various components on the screen with functionality to add and remove components as necessary.

Meant to be dynamic so that any data that needs to be stored can be configured and dynamically added to the corresponding fields

Linux Agent - C C++

- Develop and maintain an application in C / C++ that reads operating system and hardware configurations and send the data through to a web service which displays the configuration on a front end Web Application

WITS SOA Services

- Decouple and fix existing SOA services with better standards and logic coupled to a Java application to increase efficiency in bulk service invocations

Newsclip Media Monitoring In-House Applications

- Build and maintain the various in-house web applications used to deliver services to the company's clients as well as to manage internal services and operations.
- Build and maintain services which are used to automate and make the services delivered more efficient.
- Create Boilerplate Angular 2+ web applications along with a C# Web API which the new projects can just plug in to and have the base JWT Authentication already there.

HOBBIES & INTERESTS

- Programming
- Sports

SUMMARY

- Hard working
- Quick learner
- Can work when placed under pressure
- Work well in teams as well as on my own
- Dedicated to finding a solution
- Improve myself where I can
- Can adapt to changes
- Make informed decisions on how to achieve the end-goal of our project



Pearson
BTEC Level 5
Higher National Diploma

in INFORMATION SYSTEMS (SOFTWARE DEVELOPMENT)

is awarded to

BRANDON HALL

who has completed an approved programme at

CTI EDUCATION GROUP (PTY) LTD

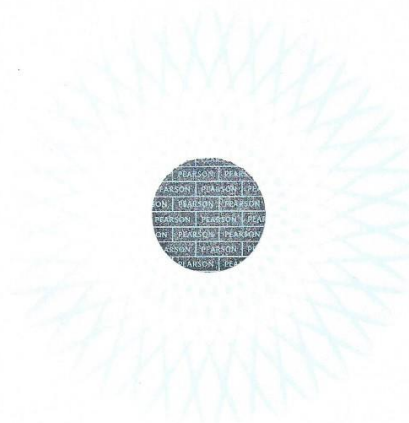
AWARDED : AUGUST 2014

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Lesley Davies
Responsible Officer
Pearson Education Ltd.



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Notification of Performance

FW13274 BRANDON HALL

LEVEL 5 PEARSON BTEC HIGHER NATIONAL DIPLOMA
in INFORMATION SYSTEMS (SOFTWARE DEVELOPMENT)

UNIT	VALUE	LEVEL	GRADE
CTI EDUCATION GROUP (PTY) LTD			
CREATING WEB PAGES	6.0	H1	PASS
PERL	6.0	H2	MERIT
C# PROGRAMMING - PART 1	12.0	H1	DISTINCTION
VB.NET PROGRAMMING - PART 1	12.0	H1	DISTINCTION
C# PROGRAMMING - PART 2	12.0	H2	MERIT
INFORMATION SYSTEMS PROJECT	6.0	H2	PASS
HARDWARE ESSENTIALS	6.0	H1	DISTINCTION
PROJECT MANAGEMENT	6.0	H2	DISTINCTION
LINUX OPERATING SYSTEM	6.0	H1	DISTINCTION
PROCESSING AND LOGIC CONCEPTS	6.0	H1	PASS
PROGRAM DESIGN	6.0	H1	PASS
SOFTWARE ENGINEERING ANALYSIS	6.0	H2	PASS
DATABASE DESIGN CONCEPTS	6.0	H1	PASS
DATABASE MANAGEMENT	12.0	H2	PASS

THE LEARNER HAS QUALIFIED FOR THE ABOVE AWARD IN AUGUST 2014

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Lesley Davies
Responsible Officer
Pearson Education Ltd.



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United Kingdom | Dubai | Malaysia
27 July 2015
Reference: RA265-GS902-2CZ



TO WHOM IT MAY CONCERN

Name: Brandon Hall
Person ID: H00184339
Programme: Bachelor of Science in Computer Systems

This is to certify that the above named was a student of Heriot-Watt University from 27 January 2014 until 7 July 2015.

Brandon Hall was awarded the Bachelor of Science in Computer Systems Ordinary Degree by Heriot-Watt University on 23 November 2015.

All programmes at Heriot-Watt University are delivered in the English language.

Heriot-Watt University, Scotland is a Higher Education Institution of the United Kingdom.

Yours faithfully,

A handwritten signature in black ink that reads "Karen McArthur".

Karen McArthur, Academic Registry Office Manager

School of Mathematical and Computer Sciences

CCoM MacLaurel Building, Gate 1, Heriot-Watt University, Edinburgh EH14 6AS, United Kingdom
Telephone: +44 (0)131 451 3126 Fax: +44 (0)131 451 3327 www.macs.hw.ac.uk

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