


GRANT WHITEMAN

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SOFTWARE ENGINEER

A fast-learning, inquisitive and confident Engineering Graduate with a passion and aptitude for problem-solving and technology. Completed 12-week intensive Software Engineering Academy, gaining strong foundations in test-driven development of end-user software in full stack JavaScript.

Many projects available on my [website](#) and [github](#).

TECHNICAL TOOLS

JavaScript: Node, Express, React, Sequelize, Jasmine, Jest, Cypress, jQuery, Sequelize

Other: C, Python, Git, Github, HTML, CSS, PostgreSQL, SQL, Jira, TDD, BDD, Unit and feature testing

PROFESSIONAL EXPERIENCE

DIGITAL FUTURES ACADEMY

REMOTE

SOFTWARE ENGINEER

JUNE 2021 – SEP 2021

- ❖ Full-stack test-driven JavaScript development with **Node, Express, React** and **PostgreSQL**
- ❖ Final project in a continuous deployment environment with multiple teams working on a single application
- ❖ Many projects built throughout the academy which solidified learning across the stack
- ❖ Creating scalable object-oriented applications, built test-first from user requirements
- ❖ Extensive pair programming, working with many talented individuals to accelerate learning

CAMBRIDGE FIRE RESEARCH

(CURRENTLY REMOTE) CAMBRIDGESHIRE, UK

TEST ENGINEER

FEB 2019 – PRESENT

- ❖ Producing and proof-reading technical reports, reduced lead time on reports with advanced excel formulae
- ❖ Working with clients directly to make sure reports are accurate and meet specific client requirements

EDUCATION

UNIVERSITY OF BATH

BATH, UK

BENG(HONS) CHEMICAL ENGINEERING

2014 -2018

Second-class honours first division

Final Design Project: **Designing a Production Plant for Ammonia Synthesis Gas from Natural Gas (68%)**

DANE COURT GRAMMAR SCHOOL

BROADSTAIRS, UK

SECONDARY AND FURTHER EDUCATION

2007 -2014

International Baccalaureate Diploma: 38/45 points

Higher Level (A Level equivalent): Chemistry (**7=A***), Physics (**7**) and Maths (**5**)

Standard Level (AS Level equivalent): French Ab Initio (**7**), English Literature (**6**) and Geography (**6**)

7A*s and **5As** at GCSE (Including Maths and English)

OTHER PROJECTS

Created own website using **HTML** and **CSS**. Developed a desktop application for work in **Python** after reading 'Automate the Boring Stuff with Python'. Studied Harvard's CS50 Introduction to Computer Science where I learned fundamentals of **Computer Science**, **Data Structures** and **Algorithms** and have completed many projects in **C** and **Python**. **MATLAB** used at university to produce mathematical models of dynamic systems.

ACHIEVEMENTS AND EXTRACURRICULARS

- ❖ Fitness fanatic who enjoys weightlifting, cycling, walking and any outdoor activities
- ❖ **Best in School** in UKMT Senior Mathematical Challenge and represented school in Physics Olympiad

References available on request.