

# CURRICULUM VITAE

Junior developer with a background in mechanical engineering, data analysis, and customer service, now pursuing a career in software development. I recently completed a 1-year Full Stack Development Traineeship with IT Career Switch, where I built and deployed two real-world applications, using a combination of front-end and back-end technologies. These projects sharpened my problem-solving and technical communication skills while providing hands-on experience with scalable, user-focused design. I bring transferable strengths in research, technical writing, and teamwork, and I am now actively seeking roles to continue developing my skills within a collaborative team environment.

## PERSONAL DETAILS

**NAME:** Daniel Burcombe  
**RESIDES:** Norwich  
**TRANSPORT:** Full UK driving licence and vehicle  
**LANGUAGES:** English  
**RIGHT TO WORK:** British Citizen

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## CODING TRAINEESHIP

**IT Career Switch Ltd**  
Coding Traineeship – Full Stack Developer  
1-year program

During the traineeship, I had to demonstrate a very competent level of the following programming languages and technical skills:

- HTML5, CSS3, JavaScript
- PHP, SQL, MySQL, React, jQuery, C#
- Python, Node.js, Bootstrap, Java, JSON
- Command line Git, GitHub
- Remote API access

## DEVELOPMENT EXPERIENCE:

Below are the two briefs of development projects I completed with IT Career Switch which can be found in my bio: <https://danielburcombe.co.uk/>

### **Portfolio Project #1: “Gazetteer”**

Develop a map-based application in HTML, CSS, JavaScript (jQuery) and Bootstrap presenting geographical and demographic data from JSON returned by PHP modules that query third-party APIs such as GeoNames and OpenWeather.

### **Portfolio Project #2: “Company Directory”**

Full project cycle: Formal proposal followed by the development of a company personnel database application using Bootstrap, JavaScript (jQuery), PHP and MySQL. Sign off obtained after demonstrating that all of the required functionality was present and working as intended through the preparation of a formal test script.

## **CAREER HISTORY:**

**Jan 2022 - Present**

**Studying Break**

**Aug 2021 – Dec 2021**

**POSITION HELD:**

**Norse Group Ltd**

**Data Analyst**

- Performed a Go to Market strategy for the largest commercial local authority trading company. Tasked with seeking opportunities in numerous markets around the country within a business environment
- Navigated large data sets and distilled essential information to present key market data and findings within local government across England
- Undertook detailed market research, for the purpose of investigating potential markets within different service lines, by executing a PESTLE and competitor analysis
- Wrote a detailed Go to Market report which presented conclusions from market segmentation in relation to Norse's core business lines and demonstrated an understanding of the changing political landscape within England

**Sep 2020 – Feb 2021**

**POSITION HELD:**

**Ingram Micro**

**Customer Service Agent**

- Responsible for assisting Vodafone customers and agents over queries relating to faulty devices and ongoing repairs within an Inbound call Centre
- Developed an ability to work within a fast-paced environment through assisting customers with a variety of enquiries, as well as efficiently operating a bespoke system
- Demonstrated a capability of analysing the issues of customers, by running through diagnostics on mobile phones to solve specific technical problems
- Maintained a high standard of customer service while handling a high volume of calls in a fast-paced environment

**Sep 2019 – Jun 2020**

**POSITION HELD:**

**University of Leicester**

**Project Coordinator**

- Delivered a university – industry led research project on an exploratory investigation into the effects of cryogenic treatment on titanium alloys for aerospace applications. Project partners included Air Products, a global industrial gas supplier and a key stakeholder in the project
- Gained an ability to think analytically by applying knowledge gained through research on industry-based manufacturing and material processing techniques, to plan experimental procedures
- Demonstrated a capability of communicating very technical information on material science and collected data by disseminating research findings with external stakeholders through presentations
- Organised an appropriate procurement strategy, by considering the project's budget, comparing the quality of the materials from suppliers and assessing the project needs to produce logical conclusions

**Sep 2017 – Jun 2018**

**POSITION HELD:**

**University of Leicester**

**Design Member**

- Acquired the role of structural engineer in a yearlong assignment to design and manufacture a remote-controlled payload delivery vehicle tasked with deploying payloads onto steps on a staircase
- Demonstrated an ability to problem solve by producing a design which successfully maximised structural performance as well as meet static and dynamic requirements
- Resolved structural calculations to justify the dimensions and configurations of the crane, showing a grounded understanding of applying mathematical knowledge to solve a task
- Improved team working ability, through collaborating closely with the systems integration engineer to ensure that the crane could be assembled with the other components of the vehicle

**Sep 2015 – Apr 2016**

**POSITION HELD:**

**British Heart Foundation**

**Cashier**

- Worked on the sale floor undertaking roles such as arranging which stock needed to be kept on sale or put into storage, demonstrating a close attention to detail
- Entrusted with the responsibility at a cash register, handling customer transactions, selling and refunding items
- Demonstrated positive customer service through greeting customers to create a friendly working environment

**EDUCATION:**

**2016 – 2020**

**University of Leicester**

MEng Mechanical Engineering (2:1)

JN Frears Prize

The Leicester Award

**2014 – 2016**

**Notre Dame High School**

Three A-Levels (BBC)

**2009 – 2014**

**The Hewett Academy**

10 GCSEs (A – C)