

Gap Analysis

Roles I'm interested in:

Software developer for engineering companies would be my preferred area to work in as I'm passionate about all things engineering because I deem it one of the most important foundations of modern society.

From this placement I would like to get a foot in the door in engineering so that in the future I can take it up a notch and work in the space industry. Where-by I would like my artificial intelligence development skills to take precedence so I can be a crucial team-player in designing and executing AI-centric missions to other planets/satellites in our solar system such as Europa and Titan.

Examples of ideal placements:

12 Month Placement – Integration and Test Engineer at Lockheed Martin UK Ltd

<https://webapps.brunel.ac.uk/apps/jobs-search/UI/pages/job.aspx?sysSection=3&id=%2029549>

Job Requirements:

- Working in a meaningful role with the support of a graduate mentor for the entire placement.
- Have essential skills in Computer Science

GAP Analysis:

I feel I am fairly suited to this role. I have gained abilities in working along with other people AND also under people from the group project I completed in first year. So, with the graduate mentor looking over me I would be able to work effectively due to the guidance he/she would provide for me.

National Grid Undergraduate IT Analyst

<https://webapps.brunel.ac.uk/apps/jobs-search/UI/pages/job.aspx?sysSection=3&id=%2029821>

Job Requirements:

- Ability to relocate as and when the programme requires
- Predicted at least a 2:2 degree in computing
- Project management
- Business analysis
- Working with customers

GAP Analysis:

On track with my computer science degree to get a 2:1. I have a full UK driving license so relocation isn't a massive issue. Have had a lot of experience in customer service from being a customer sales assistant and working in both a phone shop and a super store. Furthermore, I have had to lead a project in first year so I have a good idea of people skills and group management.

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However, my knowledge of business processes and systems of the customers would be a bit more tricky for me to grasp as I would first need to get an understanding of how the national grid works and how customers interact with it and the company.

CV:

Mr John Lloyd

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Mobile: 07902395988 **Email Address:** johnl5124@gmail.com

Summary

- A years' worth of experience in both **Visual Basic & Java code**
- Knowledge of HTML and PHP code plus knowledge on databases (SPSS) and database coding (mySQL)
- Knowledge of computer hardware & assembly
- Worked as a sale assistant in phone shop in a relatively small team, where I incorporated:
 - Good technical knowledge
 - Clear, concise communication skills
 - Rapport building, where I gained Loyal customers
- Adopted the leader role during my first-year group project, A grade
- Multi-skilled worker at a large Tesco store, proves adaptability and attitude to a work ethic
- Can play multiple different instruments: guitar, bass and drums. And has a basic understand of music theory & music production
- Played with a basketball team, intense & quick-thinking teamwork in order to succeed
- Knowledge of running and maintaining a server
- Full UK driving license

Education

Sept. 2017 to May 2022 Brunel University, Uxbridge, Middlesex

BSc (Hons) Computer Science (Artificial Intelligence):

2nd year of a five-year thick sandwich course, includes a foundation year

Year Two Modules

Software Development and Management, Usability Engineering, Algorithms and their Applications, Networks and Operating Systems

Year One Modules

Group Project (**A**), Information Systems and Organisations (**B+**), Logic and Computation (**C**), Data and Information (**A-**), Programming (**B**)

Foundation Year

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Intro to Computing (**A+**), Intro to Programming (**B+**), Intro to Artificial Intelligence (**A**), Discrete and Decision Mathematics (**A**), Study Skills (**A-**), Algebra B (**A+**)

Sept. 2014 to July 2016

Worthing College, Worthing, West Sussex

A Levels

Statistics (D), Geography (D), ICT (C)

Sept. 2010 to July 2014

Durrington High School, Worthing, West Sussex

GCSEs

Mathematics (B), English Language (B), English Literature (C), Physics (B), Biology (B), Chemistry (C), History (B), Geography (B), Statistics (C), Certificate in Digital Applications (C)

Group Project (1st Year)

- Project centred around programming finch robots to execute certain activities.
 - Task was a navigation task that required the robot to be able to receive and execute user-inputted commands. Like to move forward/left/right/backward for a certain amount of time and a certain velocity
- Small-team of 4 people
- Adopted the role of team-leader where I would be the main speaker in presentations or vocal examinations
- Provided full documentation of plans, design and testing

Work Experience

July 2018 – Present

Tesco Extra, Durrington, Multi-Skill Worker

- Grocery (dry goods, food & drink, health products)
- Deliveries (deliveries & health & safety checks)

November 2016 – September 2017

Phone Shops (EE & Phone shop By Sainsburys, Rustington, Customer Sales Assistant

- Teamwork
- Communication Skills - commission-based work
- Rapport building
- Technical skills
- Problem Solving
- Worked and trained with different teams

May 2015 – September 2017 Heene Primary School, Worthing, Domestic Cleaner

- Time management
- Health and safety

Interests

- Guitar
 - Played for 3 years and I have a good understanding of tabular sheet music which is how I learn most of my material
- Drums
 - Played for 2 years
 - Good understanding of sheet music but learn most of my material by ear
- Music Production
 - Creates short high-quality videos for my social media account where I showcase covers of songs or self-made songs

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- Rock climbing
 - Member of the society and have the ability to train starters
- Basketball
 - Played with a team in West Sussex
 - Plays with a group every Thursday on campus
- American football

Referees

Available upon request