

Jack Kershaw

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Personal Statement

A Second Year Computer Science Student looking to complete a placement year. Confident, approachable and enthusiastic with an eagerness to learn and thrive at all available opportunities and gain valuable industrial experience to support my future career.

Education

BSC COMPUTER SCIENCE | 1ST YEAR | THE UNIVERSITY OF YORK

- Mathematical Foundations of Computer Science (57%)
- Theory and Practice of Programming (60%)
- Skills Knowledge and Independent Knowledge (76%)
- Introduction of Computer Architecture (72%)
- Human Aspects of Computer Science (72%)
- Foundations in Electronics, Signals and Circuits (61%)
- Numerical Analysis (62%)
- Programming of Micro Controllers (65%)

2011-18 | ENFIELD GRAMMAR SCHOOL

- A Levels: Maths(B), Physics(C), Chemistry(C)
- GCSEs: 1 A*, 7As, 4Bs and 1C

Experience

SENIOR PREFECT | 2016- 2018

- Helping set up and run various school events. e.g. Parents Evening, Concerts
- Shown good Communication Skills
 - Show perspective Teachers, Parents and Students around the school.
 - Required to answer any questions that they asked and positively portray the school to them

VOLUNTEERING AT YOUTH CLUB | 2015- 2017

- Required to lead small events and ensure the smooth running of the club weekly
- Encouraging less confident members to join in by ensuring they feel welcome
- Managing Stock and keeping track of sales as well as maintaining record of sales to aid with the Clubs Finances and to aid with purchase of future food and drink

Skills & Abilities

- Experience in Python and Java
 - Pong game built on a raspberry pi as for PROM module
 - Presenting a variety of data on space in an easy to visualise application e.g. Position of various objects in space
- Use of Raspberry Pi and Basic Electronics such as Arduinos
 - Built a Hand Break for Sim Racing using Arduinos and other Electronics
 - Involved soldering, and connecting it to the Arduino and the “Hand Break”
 - Researching the best way in which to configure the Arduino
 - Use python to interface this value with the computer over a serial connection
- Familiar with both Windows and the Apple Ecosystem

Hobbies, Skills and Further Information

- Play cricket for University of York, Enfield Cricket Club and formally Enfield Grammar School 1st XI
 - Captained team on several occasions, with full responsibility of setting field and overall strategy for the game
- Working towards Duke of Edinburgh Award
 - When completing the expedition took a position of leadership.
 - Most experienced map reader, therefore, had to effectively communicate with my team to show the best approach to the task
- Confident when presenting my ideas when working on group projects throughout the year.
 - Required to research a given topic and share what was learnt and discuss with other people in the group as part of the SKIL module
 - Understand the importance of listening and taking in other people’s opinions to better develop own ideas and understanding

References

Dr Dimitar Kazakov
Department of Computer Science
University of York
Personal Tutor
dimitar.kazakov@york.ac.uk

Mr Simon Purrier
Enfield Grammar School
Former Head of Sixth Form
spurrier@enfieldgrammar.org