

Tom Naughton

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Profile:

My GCSE results have allowed me to study for a BTEC Diploma in IT at Yeovil College and acquire experience in a large IT department of a large aviation company with a global reputation.

During my work placement at AIM Altitude I was given various tasks within the IT department I was shown how databases are handled within the company and how to control a database from within code. I created an application for taking people's photos and storing them onto the HR database, which was achieved by creating a cshtml website that would access an attached webcam and allow the user to take a screenshot and upload it to the relevant employee's profile. I also created a second application so that when people in the building require IT assistance, they are now able to email the IT team and my program adds it to an SQL database and the call is then displayed on a TV for the IT department to prioritise. To achieve this I was tasked to write an application so that the employees can email the IT help address and it sends the call to the server which is faster and more reliable than their old system. To request the emails I used Microsoft's WebServices. Since there was a lot of code, I split the program into two different scripts, one called Service which handles the long lists of code that does certain jobs and the Program script that inherits Service. The idea was to create the 'back-end' of the program in the Service so I only had to deal with the Program script. To get the new Emails - not the old ones - I kept two lists: NewItems and OldItems. Every time I requested the emails I compared the two lists, checking if the DateTimeReceived properties were equal. If the email was not in the OldItems list then I added it to the NewItems list. After sending the NewItems through a call I sent them to the OldItems list and cleared the NewItems list. To send the call to the call server I used a HttpClient. I had to use Newtonsoft's Json.JsonConvert to create the request successfully because previously it was throwing some errors. Once I got it working, the calls were going through instantaneously with a 100% success rate. To see the calls come through they have two TVs that shows information as well as any calls so I was able to confirm instantly that the program is working correctly.

Interests and goals:

I would like to have the opportunity of an apprenticeship in a company where I can work alongside IT professionals and gain valuable experience.

In my spare time I enjoy playing the electric guitar. I also enjoy listening to music and engaging in general social media.

Achievements:

- IT trophy for exceptional work and dedication | Yr9 | Westfield Academy
- Tutor's Star Student of the Term awarded twice
- 100% attendance award | Yr11 | Westfield Academy
- Grade 4 | RGT Electric Guitar

Work Experience:

(60 hrs - 2017) Programmer / Technician at AIM Altitude (Bournemouth).

(40 hrs - 2014) IT Technician at M C S Onsite IT Services (Yeovil).

Education:

YEOVIL COLLEGE

Diploma level 3 IT Distinction ^{STAR} Estimated

WESTFIELD ACADEMY, YEOVIL

BTEC ICT Distinction ^{STAR}

GCSE Physics A

GCSE Chemistry B

GCSE Mathematics B

GCSE Biology B

GCSE Music B

GCSE English Language C

Reference:

DAVID LINDON, SYSTEMS DEVELOPER

AIM ALTITUDE

01202 592 612

MR P DUNFORD, NETWORK TECHNICIAN

M C S Onsite IT Services

01935 434466