IT & COMPUTING - STUDY PROGRAMME

Thank you for applying for a place to study at Craven College in September 2020. To give you a head start, our tutors have created a list of resources and activities to help you prepare for your course.

READING MATERIALS (BOOKS, MAGAZINES AND NEWSLETTERS)

Algorithms to Live By: The Computer Science of Human Decisions (Brian Christian and Tom Griffiths)

Hackers: Heroes of the Computer Revolution (Steven Levy)

Code: The Hidden Language of Computer Hardware and Software (Charles Petzold)

The Search: How Google and Its Rivals Rewrote the Rules of Business and Transformed Our Culture (John Battelle)

SOCIAL MEDIA ACCOUNTS TO FOLLOW

Twitter- **https://twitter.com/FarahMa11344493**

Facebook- **https://www.facebook.com/groups/1608129029352990/**

WEBISTES

https://www.codecademy.com/

https://www.w3schools.com/

https://github.com/

https://www.knowitallninja.com/

WORK EXPERIENCE LINKS

JBA Consulting

Computershare

Skipton Building Society

Oxfam

Embassy Railway

ACTIVITY - PLEASE COMPLETE THIS BY FRIDAY 26 JUNE

Pick one of the following tasks for entry:

Option 1: Pivot Animation Task
In order to give you an idea of the type of things you will do in college, you are tasked to create a small animation using Pivot.
You will need to download and install Pivot onto your home PC or Laptop using the link below. Please read the details on the home screen before downloading Pivot and only install any files you need to use.
http://pivotanimator.net/index.html
In order to create your animation, you can use the videos and help file from Pivot themselves, or you can use the link below to several tutorial videos on YouTube.
https://www.youtube.com/results?search_query=pivot+animator+tutorial

Rules for Entry:
- You must create your own animation
- It must be appropriate for use within college
- You will need to provide all created files and a completed animation
- Completed these questions and send with your submission.
    - Name of your animation
    - Why did you choose this particular scene?
    - What skills did you need to complete the animation?
    - Did you enjoy the project?
- Upload on to Facebook group

Option 2: Mobile App
Create a 2 screen simple mobile app that allows the user to view popular holiday destinations. We recommend you make a free account on **https://thunkable.com/#/** and download the thunkable app on your mobile to view your app live. Share your app link with the tutors on email **fmalik@craven-college.ac.uk** and **cwright@craven-college.ac.uk**
Alternatively, you can use any free platform that can be shared with the tutors.

Rules for Entry:
- You must create your own Mobile app
- Must contain at least 2 screens with a button to go to each screen
- Completed these questions and send with your submission.
    - Name of your mobile app
    - What did you struggle with and why?
    - What skills did you need to complete the mobile app?
    - Did you enjoy the project?
- Upload on to Facebook group

APPLICANTS

Please complete this activity by **Friday 26 June** where you will present the results of the activity at our Future Student Morning.

The Future Student Morning will be delivered as a virtual event where your course area tutor will give you an online webinar, you will shortly receive an email with a link to sign up for this event.

If you have applied for a course starting September 2020, it is essential for you to sign up for this event as you will receive information about your course, enrolment and key dates.

Further details can be found at **www.craven-college.ac.uk/events**.

If you can't attend the event, please email marketing@craven-college.ac.uk with your name and the subject area you have chosen to study and we will arrange for your tutor to contact you.

Finally, don't forget to join the IT & Computing Department Facebook Group to keep up to date with everything related to your course:

https://www.facebook.com/groups/1608129029352990/

Craven college