CN5009 Computing in Practice/CN6007 Work Based Learning Academic Year 2024-25
Reflective Log – Work Experience

University of East London
School of ACE
Computing and Digital Technologies.

Your Details (Student, Please fill in full)			Type of Placement (Student, Please X)						
Name	Shyam Vijay Jagani	Degree Programme:	Type: Student	Virtual	X	In-Person	X		
Student ID	2611208	BSc (Hons) Data Science & AI	Location: UEL Docklands Campus	External	X	Internal	X	Self-Sourced	X

Your Placement Details (Student, Please fill in full)				
Organisation Name:	University Of East London	Placement Manager Name:	Christopher Ok'onkwo	
Your Role Title:	IT Technician	Placement Manager Email/Phone:	c.okonkwo@uel.ac.uk	

Date	Start Time	End Time	Hours Worked Today	Activity Describe what you did. What were the circumstances? (Max 100 words per activity)	Actions Taken/ Skills Applied What actions did you take? Which skills did you apply? Did you require assistance from a colleague to complete this activity ? (Max 100 words per activity)	Result and Reflection What did you learn from this activity? Did you acquire new skills/knowledge? How will you practise and apply what you have learnt? (Max 100 words per activity)

27/01/25	12:00	14:00	2	As I was on holiday during the first 2 weeks of the placement I had to complete what my team members did during those weeks too. I started with updating the software. Updated Software from software centre in the AVA Lab university PC.	Actions performed were to updated the software and check if all the existing software were all up to date. Logged in from the university student account and to manually updated the applications provided by the university using the software centre. Some PCs had issues with updating the software so, I left them and updated them the next day.	I gained knowledge about what all softwares the university uses and provides for students. Also, solving the problems that could arise when updating the pcs were done the next day.
28/01/25	13:00	16:00	3	Started working on the pcs that had problems before. Used manual updation method to install the software centre first and, them using the software to download the software and then update the softwares again	Actions performed were to add the software centre to the library of the pc. Check if all the pcs had required university software. Completed updating all the pcs, troubleshot all the problems. Everything is up to date on the pcs.	I gained knowledge about how to troubleshoot problems that arise when updating the softwares. All the problems were solved toady and all the pcs wer successfully updated.

30/01/25	11:00	16:00	5	As I was away for 2 weeks, I consulted with Chris and was briefed by my teammates regarding the current development. We then proceeded to work on the windows server.	From Chris's feedback, we had to link the client windows pc to server windows pc. We tried to removed the client pc from the 'workgroup' group and troubleshot adding it to 'group-b' group. We weren't successful in doing so at that time due to time constraints.	We decided to be equipped with more lnowledge the next session and complete the task.

03/02/25	12:00	14:00	2	Due to last week's failure to add the windows client to the same workgroup, we had to reinstall the windows client in the cpu.	We tried resetting the windows client to no avail. So after a lot of troubleshooting and contemplating, we finally decided to remove the windows installation and add a new windows client to it. I was given the task, and installed windows 10 Home in the pc.	Learnt how to install windows in an already installed hardware and how to link it to the server. Tried linking it to the uel intranet to no avail.

04/02/25	13:00	16:00	3	After Monday's windows 10 home installation, I realised that we had to install windows 10 pro and not home. My group members had the same problem before but they didn't notice this when I was installing my windows client.	Installation of wrong windows 10 edition was a huge issue and had to be reset again. So , reinstalled windows 10 Pro onto the client pc in order for it to work properly. Then we reconfigured the windows 10 pro installation and set it up to be linked with the windows server.	Learning opportunities were tht windows 10 home does not allow for remote destop connection to be done and many other small issues. My friends learnt to not assume things and to be attentive all the time.
05/02/25	13:00	16:00	3	After yesterday's mishap regarding the windows 10 installation. We finally got to to the problem where it all started: the workgroup!	After looking around for a bit, we decided to refer to external sources for answers. We looked at youtube for answers, we looked at other resources as well. We finally found out how to do it and added the client pc to the server group and network.	Added the client to the server pc successfully. We were also able to check the workgroup and confirm that we had successfully set up the windows client.

06/02/25	11:00	16:00	5	We showed our previous efforts to Chris to confirm if we had done it all properly. He then proceeded to check the windows client pc. We were then asked to add our own user names into the ubuntu server by Chris.	We started to add ourselves as users in the linux server. We then proceeded to log into the ubuntu server just to make sure the users have been added successfully. After completing this step we checked the systems again for any inconsistensies in the OS. Finally we showed it to Chris and he added his own user into the ubuntu pc and then told us that he will check everything in his own time.	This was a very good experience. We got to install, troubleshoot and solve problems in different OS. We learnt how to work in a team to solve a problem, how to assign different roles to different people to work more efficiently.	
12/02/25	13:00	16:00	3	Used the youtube videos on EON-XR. Explored the EON-XR app while referencing a youtube guide on it.	Wene through the EON-XR Interface to locate workspace creation tools. Explored the options for 360 image integration. Begin following the youtube video guide to understand the basics of 360 image implementation within EON-XR.	I gained skills in navigating through the platform. Started to understand and use 360 image and implement them. I will continue to build upon these skills in the next session.	

18/02/25	13:00	16:00	3	Continued working on the EON-XR app focusing on the integration os 360 images as immersive backgrounds. And adding interactive elements based on tutorials.	Watched the youtube video to upload and implement image as immersive backgrounds in EON-XR. Watched EON-XR's tools to start adding interactive elements like labels to the 36o images.	I progressed in using EON-XR with 360 images successfully implementing them as backgrounds. I began adding interactive elements, focusing on labels, using guidance videos. I am developing skills to make workspaces more attractive.
25/02/25	13:00	16:00	3	Completed watching the creation of an interactive workspace in EON-XR using 360 images including adding interactive elements and testing the user experience.	I learned and applied skills like design, usabilitu testin g, quality assurance, end user focus and 360 image handling. I finished watching adding the interactive elements to the 360 workspace. Watched the testing of the workspaces quality to ensure proper interaction.	I finalized the EON-XR workspace with 360 images, incorporating interactive elements and testing it thoroughly. I gained a comprehensive understanding of creating immersive experience and improved my skills.
10/03/25	12:00	16:30	4.5	Today, we went to Chris to tell him that we had finished understanding the EON-XR app. He then proceeded to give us a 360 camera to take photos of rooms.	We were told to click photos of rooms 1.31 and other sub-rooms there. We proceeded to go there and start clicking the photos of the rooms. We were unable to get good photos due to a lack of a tri-pod.	Learned that to take photos we need a tri-pod to keep the camera still and have good quality photos. Understood the importance of research before starting a task.

11/03/25	12:30	16:00	3.5	We started with looking for a tri-pod, then we found one from one of our friends. Then, we clicked some more photos of other rooms in the AVA building.	We used these different pictures to check and use the ones we see are perfect for the task of making vitual room. We finalised the pictures and got ready for the next step to create a workspace.	Gained practical experience in evaluating physical spaces. Using their potential environment. I developed photography skills and skills to determine the best feed in using in XR projects.
17/03/25	12:00	16:00	4	As Chris told us to use the photos that he clicked himself instead to use the photos that we clicked. We deleted all out work. And used his.	We started to purge all the photos that we clicked and used the ones given to use by Chris. We started to go through those images and sorting and filtering them. We kept the ones that we think we will need and remove the others.	Learnt the importance of being patient. We shouldn't have deleted the old photos that were not needed. We learnt that the quality of the photos that we use can make a huge difference to the project.
18/03/25	13:00	16:00	3	Today, we started working on the project. We started with making a workspace and then adding the elements and images.	We couldn't find any options to add labels and interactive labels in the image. After some troubleshooting steps, we manged to find out that we had to have the desktop version of EON-XR to be able to use certain features of the system.	I learnt how to properly configure a workspace in EON-XR. I also learnt that working in a team setting improves our chances of solving problems.

19/03/25	13:00	16:00	3	We installed the Desktop application for EON-XR to be able to add labels and stuff to the workspace. We also started to tweak the workspace to customize it to our needs.	We Downloaded the desktop client for the EON-XR app. Navigated the app like how we saw in the youtube videos. Started to understand the workings of the app. Got familiar with its working and elements.	I learnt how to apply skills learnt in previous instances in our current problem. To use all the skills in my set and leverage all the resources at my disposal to achieve my goal.
20/03/25	11:00	16:00	5	Started working on the first experience. I chose the Room 1.31 as the first room. Used annotations and portals.	Uploaded the pre-clicked photos by Chris and used them to create an Extended-Reality Style experience for people to use to get to know the RDCS building better.	Used my laptop and the EON-XR Desktop edition application to create a marvelous experience.
24/03/25	11:00	16:00	5	Started working on the second part of the experience. I chose the Level 2 as the second Part. Used portals.	Used image size reducer to reduce the size of an image that was too big for the eon-xr workspace to be uploaded. Uploaded the pre-clicked photos by Chris and used them to create an Extended-Reality Style experience for people to use to get to know the RDCS building better.	Used my laptop and the EON-XR Desktop edition application to create a marvelous experience. Learnt to use open-source image compressor software.

31/03/25	11:00	16:00	5	Started working on the third of the experience. I chose the Level 1 and reception as the third part Used annotations and portals.	Started working on the third part of the experience – Level 1 and Reception. Used annotations to highlight key areas and portals to allow smooth navigation from the entrance to nearby rooms. Focused on making the reception area welcoming and informative for first-time users.	This part sets the tone for the entire experience and introduces users to the RDCS building in an engaging, extended-reality format.
07/04/25	11:00	16:00	5	Started working on the last part of the experience. This will be the area outside the reception. Used annotations and portals.	Started working on the final part of the experience – the area outside the reception, including the Fulvio Arches. Used annotations to provide context and historical background, and portals to create a smooth transition from the reception to the outdoor space. Focused on capturing the architectural beauty of the Fulvio Arch.	Making the outdoor area an engaging part of the virtual journey. Continued working with the EON-XR Desktop edition on my laptop, using pre-clicked photos by Chris to ensure visual accuracy and consistency throughout the experience.

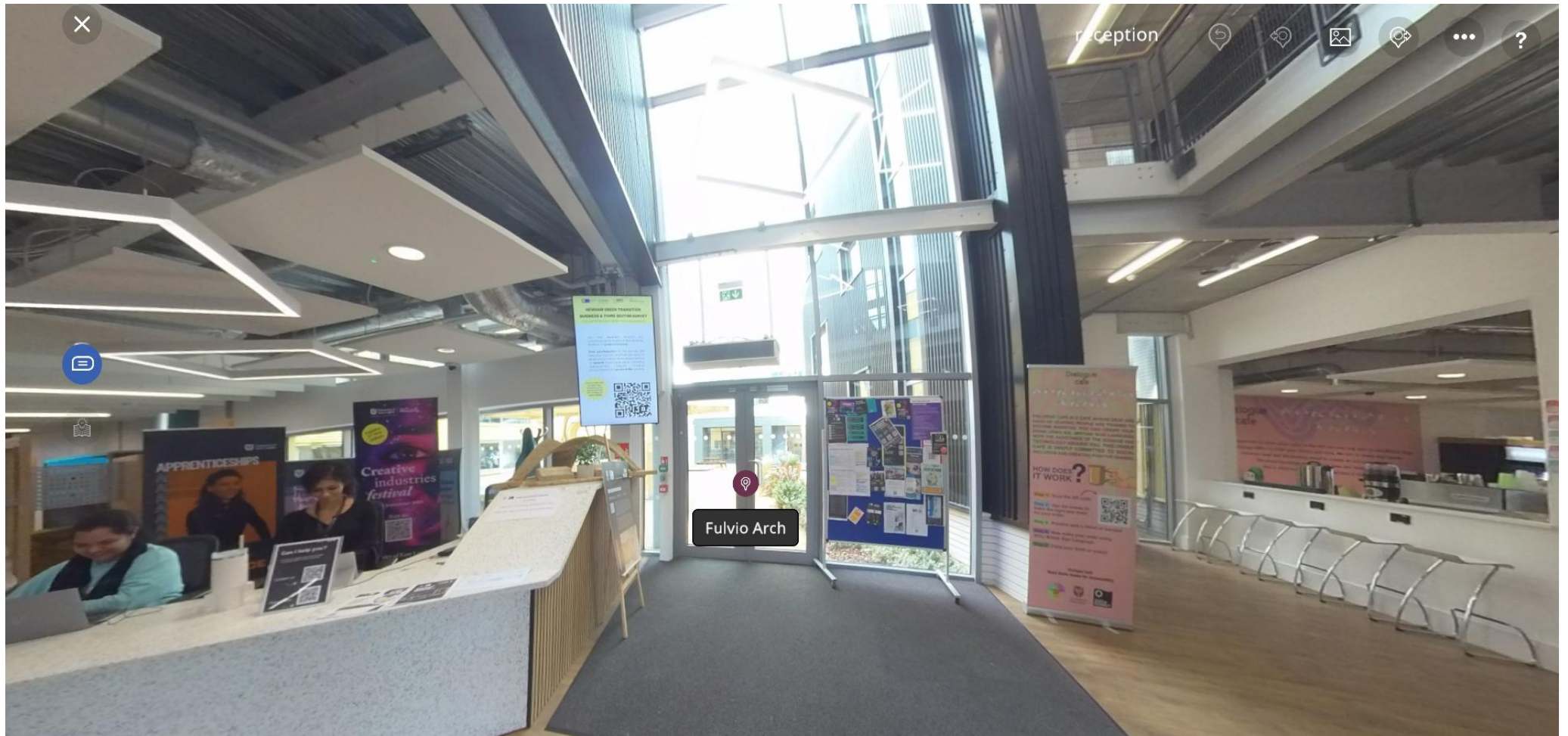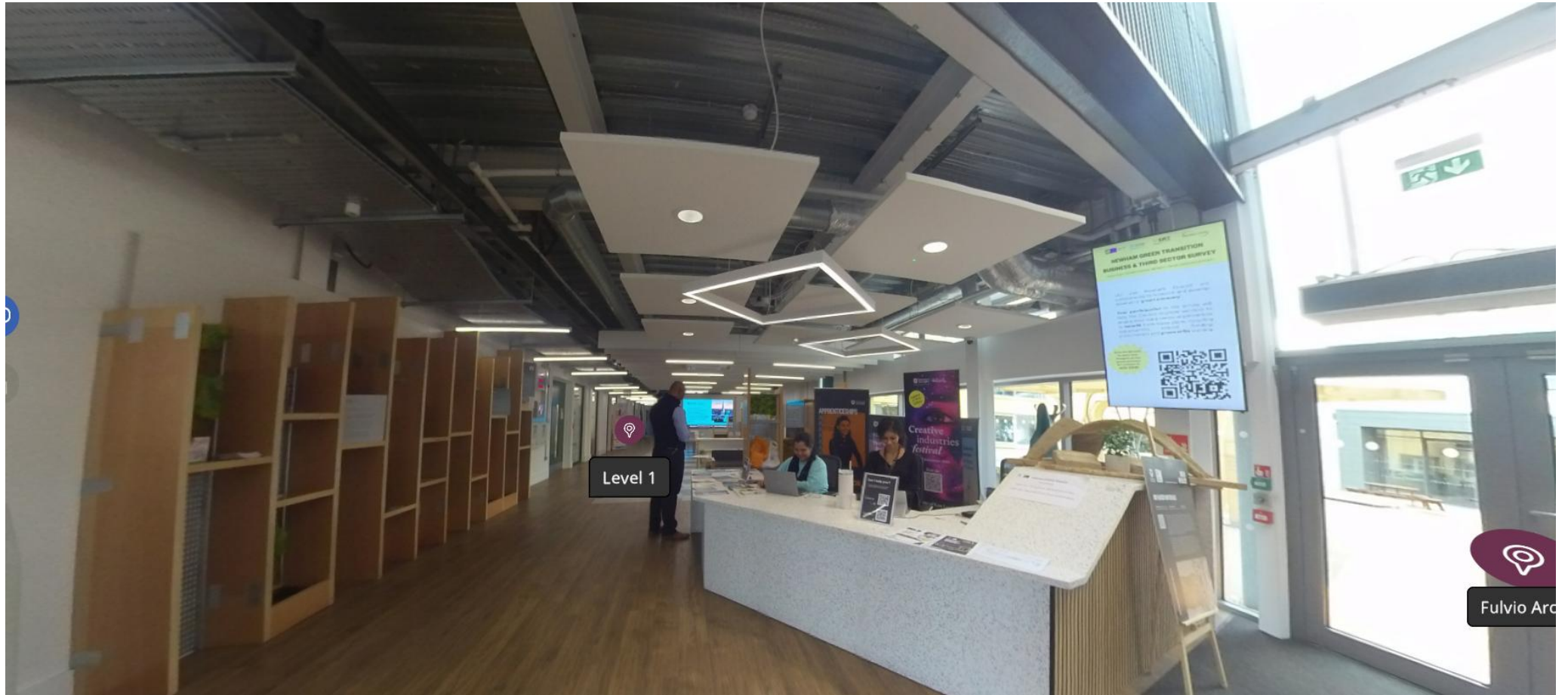| Confirmation of Placement Completion/Certification (To be completed only by Placement Manager at the End)			
Total no. of hours worked:	70	I confirm that the above named student has successfully completed his/her work experience programme.	
		Signature X	
N.B. Please ensure 70hrs are fully completed and agree the above work has been undertaken before completing this section.		Line Managers Name	
		Date Signed	/ / 2024

Please repeat the table as required to extend the sign offs. Please don't forget to collect evidence where possible like photographs etc.

link: https://share.eon-xr.com/lesson/474/1012006

Some ScreenShots

Fulvio Arch

APPRENTICESHIPS

Creative industries festival

Level 1

Fulvio Arc

KD.1.31.B

KD.1.31.C

Entry/Exit

Classroom B

Entry/Exit

KD.1.31.C

A

A B

A A

LapSa