

Proposal Form**Name:- Buster Collins****Overview of the project**

I will be hopping between work placements to get a good overview of how multiple different CAD teams work in different scale companies and under different circumstances working in different disciplines for different clients Croydex and tptfire will be product design while V3 Printing, working at the university and at Ubu will be architectural... Industrial Light & Magic will be an introduction to CGI. **I was not able to go to any Work Placements due to COVID, but found an architecture client project for myself, which was good practice for freelancing and very good for revit practice and working with a small team, but not working closely together.**

What key opportunities will this task offer you in the following areas

1. Design Practice

- Designing new products and reinventing existing products to be more beneficial ✓
- Workspace planning ✓
- Drawing buildings ✓
- Writing up relevant information for existing and future buildings ✓
- Architecture visualization. ✓

2. Technology (inc software skills)

- Solidworks
- Keyshot
- AutoCAD
- Revit ✓
- ArchiCAD
- 3Ds Max ✓
- Twinmotion ✓
- Lumion
- Intricacies of bathroom appliances and fire sprinklers

3. Processes (Development Processes, Project Management / Time Management etc)

- Working in a team alongside professionals of my own and similar disciplines as well as being part of a larger company and understanding what is expected of me as a member of something much larger, while comparing that to being in a smaller team where everyone knows each other much more personally ✓
- Writing up relevant information for existing and future building ✓
- Working in a group, where there will be a project manager to watch and see how important time management and all processes are in a real scenario in different situations under different disciplines

4. Critical Analysis (Reflective Processes / research skills)

- Large companies will do proper write-ups to report to people who don't fully understand the intricacies of the task. While smaller companies will be able to write more knowledgeably, and I will be able to see the differences.
- Get to find out how much research goes into any given task and how much is provided to the CAD creatives before beginning and how much they are required to do for themselves and learn how much of a difference there is between each discipline

Learning Outcomes

Please indicate how each outcome will be met in relation to the key opportunities that you have described above (Drag the ticks to the appropriate boxes add more if needed)

	1	2	3	4
Design creative products and/or environments that are attractive, easy to use and fit for purpose	✓	✓		✓
Demonstrate a critical understanding of the principles of user centred / experience design, with the sensibility and ability to select and assess appropriate materials for their designs			✓	✓
Develop detailed concepts, narratives and engaging content for a variety of platforms highlighting areas of specialism and interest as a method for self-promotion	✓		✓	✓
Effectively assess and document the process of a project from outline business proposals through specifications, client changes and reviews	✓	✓	✓	
Critically assess and use a range of methods to test the integrity and feasibility of their design, effectively and thoroughly prior to production	✓	✓	✓	✓

Agreed Assessment Submission

Project Outcome

This will include:- Learning how different disciplines work and act in the industry as well as the difference between working for a big company as opposed to working in a smaller team.

Project Portfolio

This will contain:- Any work completed, as well as a run-down of how I feel in each different company so I know how to act and what to tailor my portfolio and social media to attract people I would be comfortable working for.

Process Report

This will include:- How I feel working in each of the different styles of companies and what I felt were good and bad about each placements in my eyes and where I would work best, as well as the skills I have learnt and the skills I will be expected to hone before entering a job.

Signed & Agreed by :- Buster Collins

Placement Representative _____

Supervising Tutor _____

Student _____