School of Art, Design & Media (NTU)

Fast track / Late internship application
Updated 15 November 2021

Students: *If this is for credited internship, please bring company into the internship programme as a **<u>self-source</u>** **<u>option</u>** upon successful placement. If this is for **<u>self-enrichment</u>**, the school **<u>will not</u>** intervene and the agreement will be strictly between you and the organization. Please read carefully before committing.*

Name of company:

Lee Kong Chian School of Medicine

Estimated number of employees:

About 400 employees.

Internship / Freelance work title

Medical Education Content Visualization

About the company and no. of intern(s)

We are ready to take 4 interns.

The Lee Kong Chian School of Medicine, a partnership between Nanyang Technological University, Singapore (NTU Singapore) and Imperial College London (Imperial) is training doctors who put patients at the centre of their exemplary care. The School offers both undergraduate and graduate programmes, is named after local philanthropist Tan Sri Dato Lee Kong Chian. Officially opened on 28 August 2017 by Singapore's Deputy Prime Minister Mr Teo Chee Hean, LKCMedicine aims to be a model for innovative medical education and a centre for transformative research. The School's primary clinical partner is the National Healthcare Group, a leader in public healthcare recognised for the quality of its medical expertise, facilities and teaching. Graduates of the five-year undergraduate medical degree programme that started in 2013 will have a strong understanding of the scientific basis of medicine, with an emphasis on technology, data science and the humanities. The School's first doctors graduated in 2018 with Bachelor of Medicine and Bachelor of Surgery (MBBS) degrees awarded jointly by NTU Singapore and Imperial.

Relevant website and links:

http://www.lkcmedicine.ntu.edu.sg/

Continue on next page…

Internship job scope and responsibilities description:

One of the initiatives to transform medical education in LKC is to engage in more innovative content creation. For example, the use of illustrations and animation to demonstrate hard to understand concepts, the use of Augmented Reality to enhance user experience, the use of gamified content to enhance user knowledge retention, and so on.

Students working on this project will be the key creative content owners who will gain exposure in medical content and receive opportunities to demonstrate their innovative digital and art skills.

Students will be involved in two or more of the areas below:
- Research relevant medical information and materials with stakeholders for creative work
- Create storyboards to better visualize and explain medical content
- Create 2D/3D illustrations and animation related to specific medical content
- Produce educational video lessons
- Game design and development related to healthcare information
- Delivery of the enhanced learning content by the end of internship period

Pre-requisite from candidate (if any):

Students should meet two or more of the prerequisites (at least 2 is fine!):

- Proficient in Adobe Creative Suite such as Photoshop, Illustrator, Premier Pro, After Effect, Animate
- Proficient in Microsoft Office such as PowerPoint
- Proficient in 3D software
- Proficient in game engine software

Estimated time frame/period

10 May – 17 July 2021 (10 weeks)

Allowances

S$1200 per month (to be confirmed upon interview)

Reporting instructions

Depending on further development of the COVID-19 situation, students are currently required to report to office at least twice a week.

Working equipment / softwares

Our school do provide notebooks for the interns. However, these notebooks are suitable for productivity usage rather than for creative works. Students are strongly encouraged to use his/her notebook and software during his/her internship with us.

Contact person / email to respond to

If you are interested, please drop us an email via LKCMedicineDigitalLearning@ntu.edu.sg.

Other instructions / comments for applicants

Please email your portfolio or link to your portfolio for viewing of your work.

Testimonials by past ADM students

Muhammad Shaherfi Haidi Bin Sidin
Interactive Media, Year 4

One would think that interning at a non-game company for a student who specializes in interactive media would not be the most ideal situation. However, after experiencing 6 months with LKC school of medicine I would not have it any other way. I had honestly submitted myself to the fate of doing general design work, but was pleasantly surprised when I was able to actually apply my game design and interactive design skills to improve the way heavy medical content is taught. I am ever so thankful that the Digital Learning team at LKC actually ask for our ideas and advice for projects. This meant that instead of just doing mindless tasks that were presented to us, we instead were allowed the opportunity to be creative with our individual ideas and even pitch out ideas to doctors and professors, non-design professionals who acted essentially as our clients. Our skills were put to the test as the work we did had a clear purpose. It was to re-design the teaching materials and help deliver heavy medical knowledge in a more dynamic way. A tall task but the challenge was much appreciated. It also helped that I was working with three other ADM students as a team. All of this combined together, the openness for ideas from interns, the challenge of our tasks, working together made my experience interning at LKC a fruitful one as it developed me into a better designer.

Soo Yu Yan, Hilary
Year 4

I had the privilege of working with LKCMedicine's Digital Learning team for ADM's internship from June 2020 to August 2020 for a period of 10 weeks. This internship was my very first professional attachment experience and working with LKCMedicine has taught me many valuable new skills.

I was interested in joining LKCMedicine because I've always had an interest in pursuing a career that is related to the education sector and felt that this internship would give me an insight into a possible career in education. Rather than working directly with students as an educator, I would be able to provide informative and creative materials to make learning more enjoyable.

During the course of the internship, I worked closely with a professor who specializes in the skin and was tasked with revamping the Skin module lessons with new content. This was my first time working professionally with a client and I learnt how to present my proposals for content to be created in a way that can be easily understood by people not in the creative field like me. He was very patient and understanding and answered my multitude of questions whenever I was unsure about a complicated medical concept or when I required additional resources to better understand the topic I was working on.

I've had a wonderful 10 weeks with LKCMedicine and made new friends along the way. The Digital Learning team was extremely supportive and I would not have had such a fruitful experience if not for their teachings and guidance. I would gladly work together with them again in the future for any future projects they may have.

Ong Jia Ying
Visual Communication, Year 4

My internship at LKCMedicine Digital Learning was a very fruitful and great learning experience.

During the ten weeks of internship, we worked with professors to design medical courseware for year 1 LKCMedicine students. I got a chance to practice the technical skills that I have learned from ADM. This internship has also provided me with soft skills, such as communication, problem-solving, and teamwork. Which I feel is something as important as technical skills and is helpful when working in the real world.

The digital learning team is very experienced professionals with a strong desire and willingness to guide and help interns by passing on their experience. Working with them was a great way to end my university experience and transition into a professional world.

Leong Bei Yi
Animation, Year 4

The 10 weeks internship in LKC Medicine Digital Learning Department was fruitful. I learnt to communicate with clients, worked with staff and other interns who have different professional backgrounds. I had created science related content animation in my work-study with NTU library before this internship. Therefore, I have a small amount of experience on how to approach science topic animation.

When I took up an internship in LKC Medicine, I thought I would be guided by the Professor with his contents and provided a script by a copywriter. However, due to the Professor's busy schedule, there was no extra time for reviewing the contents with interns. I had to learn the contents by myself through YouTube and scientific journals. There was no copywriter, so I had to write a script too. Then, there would be a meeting with the Professor for him to approve the draft animation and script. Compared to my work-study, I learnt to be independent, where I had to be initiative to ask questions for my animation and sent Professor a revision slides with clear instructions on what he needed to do.

I realised working with faculty who does not come from a creative field, they are not particular with aesthetics. Delivering clear information is their priority, thus, one of the interns who is also an animation student and I would take care of the animation style, but we would make sure all the information was presented clearly in our animation.

In addition, LKC staff are very supportive and friendly. They understand interns' workload and helped us to plan a realistic schedule. They also taught us how to organise our files because many creative companies would use the similar file system.

Besides working on animation, there were other tasks given to interns such as designing posters and portraits. The learning journey was very interesting because I got to explore my other areas, such as design and science. Moreover, I was able to work with other interns to come out interactive e-learning.

Overall, I have great experience in this internship and I also gained new knowledge and skills to help me understand how the industry works.