Work Attachment Experience with AI Singapore

from 31 May 2023 to 20 June 2023

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My Work Attachment Story

My three-week immersion at AI Singapore provided an enriching learning experience that deepened my comprehension of artificial intelligence (AI) and equipped me with invaluable knowledge and resources. This transformative experience: from strengthening AI literacy to exploring innovative technological tools, broadened my horizons and inspired me to co-create a micro-learning course on designing effective prompts in ChatGPT with my fellow colleague Min Yang. This micro-learning course explored the importance of prompts in supporting teaching and learning, as well as enhancing routine workflow processes.

My Work Attachment Story

This attachment fostered a deeper understanding of AI concepts, encompassing machine learning, deep learning, computer vision, and natural language processing. Equipped with this knowledge, I had greater confidence in conveying abstract ideas to my students, and in encouraging them to explore the potential impact of AI across various industries and society. By fostering critical thinking and responsible use of AI, I aimed to nurture their curiosity and inspire their contributions to the field. Teaching them about data ethics and bias mitigation would further enhance their understanding of responsible AI usage. I also had the rare privilege and trust from the organisation to present a talk on AI literacy to students from Newcastle University!
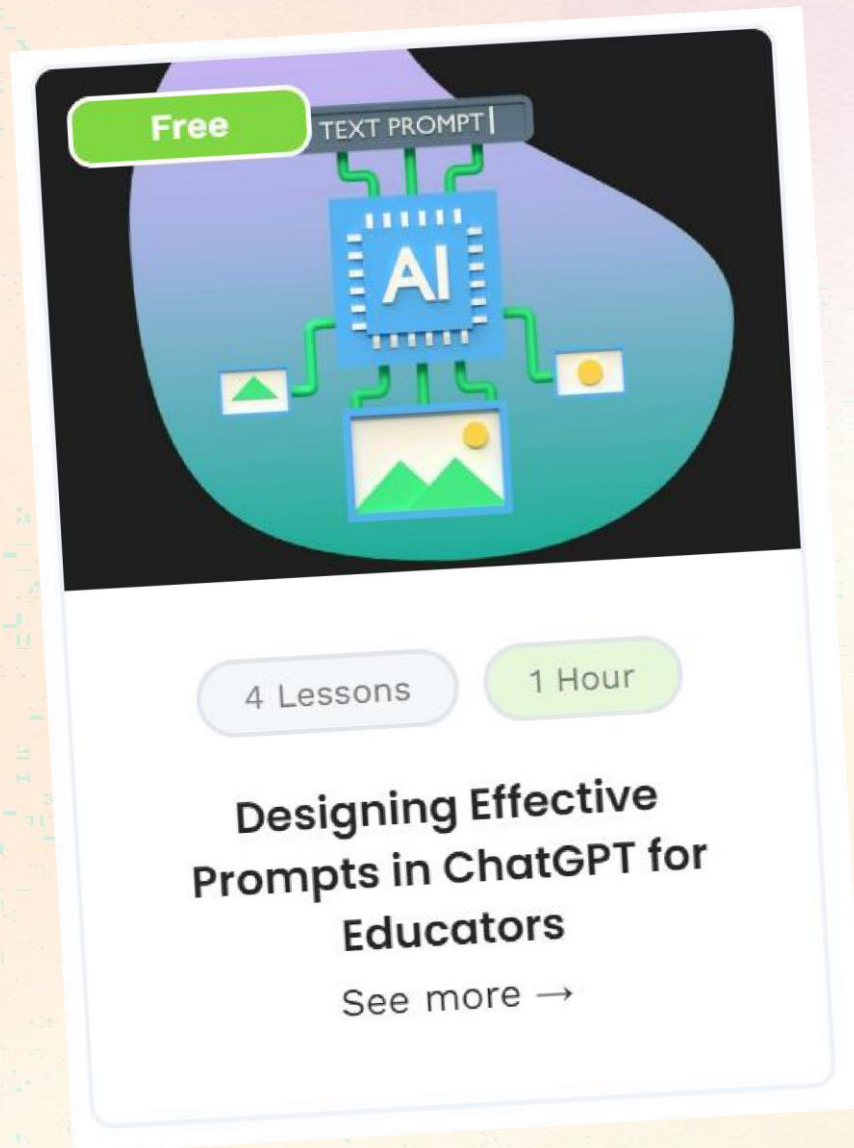
My Work Attachment Story

Working alongside the AI engineers and fellow educators has significantly enriched my work attachment experience. Engaging in discussions, exchanging ideas, and collaborating on AI projects with industry experts and peers have given me valuable insights and tips into how I could leverage prompt engineering to augment workflows.

My Work Attachment Story

Free TEXT PROMPT

4 Lessons   1 Hour

Designing Effective Prompts in ChatGPT for Educators

See more →

REFLECTION

In essence, my attachment at AI Singapore has transformed my understanding of AI and equipped me with valuable knowledge, skills, and resources to enhance my digital literacy, specifically in AI readiness. As I resume my role as a teacher, I am enthusiastic about sharing these resources with my students and fellow colleagues so that they can better embrace the opportunities and manage the challenges presented by AI. Embarking on this TWA+ programme has instilled in me a commitment to empower students and teachers to become active and responsible users in the ever-evolving AI landscape. 😄

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After the attachment, past and present teachers who participated in the programme at AI Singapore gathered informally to discuss how we had applied our learning in our respective schools.

The prompt engineering micro-learning course, which Ming Yang and I designed, was conducted for all staff at Dunman High during the year-end staff seminar. It was positively received, as the teachers gained greater familiarity with ChatGPT and its immense potential in augmenting workflows. The micro-learning course was also well-received by others in the teaching fraternity.
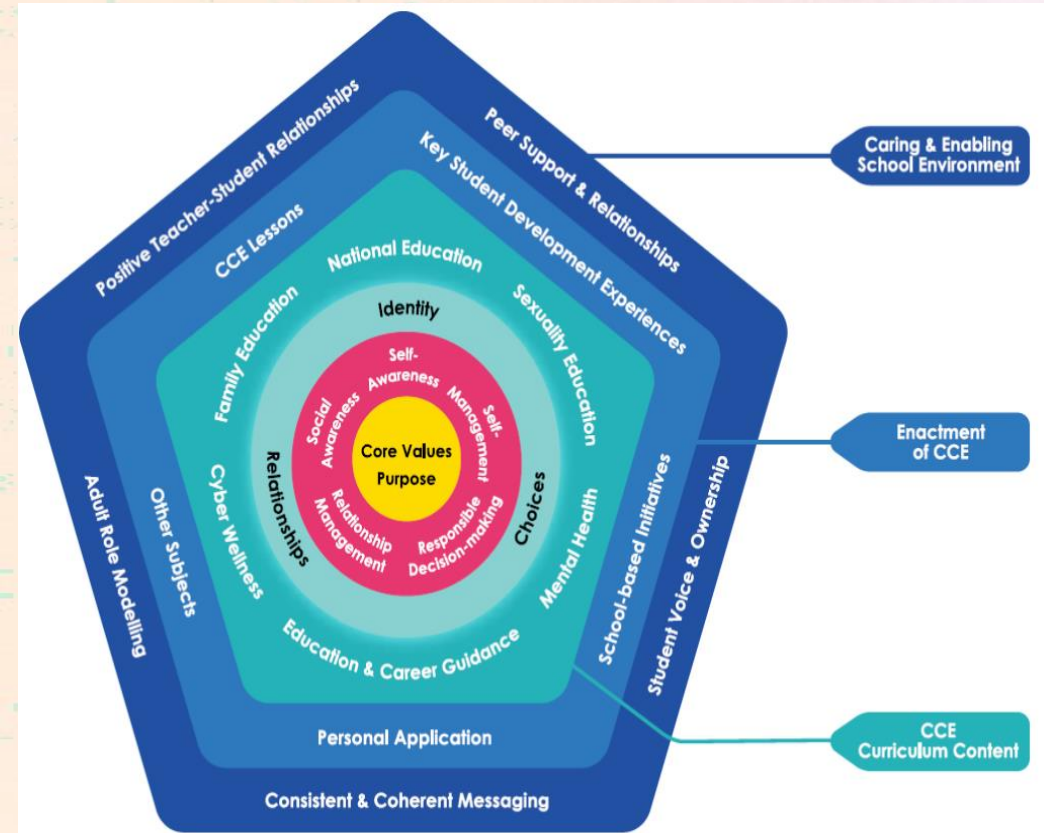
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Figure 1: CCE Curriculum Frame

Links to CCE 2021 (students)

Social Awareness

During CCE lessons, I could discuss the social implications of AI, such as its impact on jobs and its related ethical considerations, e.g., the rise of certain virtual influencers. This could raise students' awareness about how technology affects society and encourages discussions on managing these changes responsibly. I could also go in greater depth into how the quality of data that is used to train AI models may raise ethical issues.

Education and Career Guidance

During lessons on higher education and career guidance, I could emphasise the importance of lifelong learning, especially in fast-evolving fields like AI and encourage students to see challenges as opportunities for growth. Many AI engineers in AI Singapore do not have a technical background and have had to continually upskill themselves to stay relevant in this field.