Self-Analysis

My competencies to be developed in AI are A LOT. I am a third year Computer Science student, so I have had introductory lessons to AI before, but the corresponding class is happening parallel to my Exchange.

I have worked with different programming languages before, but not python yet.

I like to concern myself rather with theoretical and societal, but especially design aspects of Computer Science. So, I am not to keen on submitting a ton of new applications.

I am rather AI critical, so I try to limit my recreational use to the minimum.
I would like to claim though, that I am very well able to use AI chatbots in a sustainable and meaningful matter.

Also, it took me until week 9 to grasp the concept of a portfolio/learning plan, as my assessments are usually in the form of exams, reports or code. I am sorry for not submitting one (1) continuous document, logging the past weeks.

Learning Plan

Learning outcome links to the respective directory in my Portfolio Github Repository: https://github.com/majaguenther/aip-portfolio/

Learning outcome	Starting position (What do I already know?)	Evidence of starting position	Learning objective (What do I want to learn? Feel free to give more than one objective)	Action (What am I going to do to learn it?)	Portfolio (How will I demonstrate that I have reached my learning objective?)	When	Who can help (If other than the tutor)
Image Recognition with Teachable Machine	*Example from class, DITAs presentation*	*I was in class in class and did the provided assignment with cats and dogs.*	*Just experiment more with image recognition, find problems*	*Train AI classes for funny objectives, so I can try to show people (my parents), what I do in uni.*	*Document with examples and results.*	Week 3	*DITA*
Implications of AI usage on forums like Stackoverflow	*I briefly looked into this topic in one of the CoL lessons and wanted to continue here.*	*I can provide the document I created in class as proof.*	*Expand my knowledge about this topic. There are many things that AI is replacing and forums might be one of it.*	*In depth read the two articles I already picked for class and then also Reddit, because Reddit has a lot to say.*	*Report with key takeaways.*	Week 4	
Primark's AI Usage	*Primark is the only fast fashion giant without an online shop – and they use a lot of AI.*	*I watched a Youtube documentary about their post-covid comeback and it was briefly mentioned*	*How do they use it and to which advantages?*	*Look into articles and videos concerning the company. Maybe research papers, if they aren't too broad.*	*I will write you a detailed document on my learning!*	Week 5	
AI movies	*I rarely watch movies, so I haven't seen one that focuses around AI.*	*I have ADHD :P*	*How AI is handled in the media.*	*Watch most prominent AI films, maybe even old and new ones to focus on the different portrayals?*	*I will write you a detailed review!*	Week 6+	
Sustainability concerns with AI	*I wrote a paper on usage of GenAI in higher education, where we briefly listed the environmental effects.*	*I can upload the paper.*	*I would like to be more aware of the effects of MY usage of AI, because I can also imagine, that I am way worse in my head then irl.*	*Read a paper of my fellow students from Germany, who spend a whole semester worth of research (hopefully). If further interest, maybe look into their sources.*	*Write an essay or some kind of document on their paper? Maybe a funny graphic on what I learned*	Week 7	*Prof. Dr. Monett Diaz, my classmates*
Why AI Will Save the World	*I know that AI can be useful in many ways.*	*I went to class this semester.*	*Learn more about AI inspired standpoints*	*Read the essay: Why AI will save the world by Marc Andreessen.*	*Review with key takeaways.*	Week 8	
Recognizing GenAI usage in text	*Em-dashes seem to be a reoccurring AI-indicator in schools and universities.*	*Many people talk about that online.*	*I want to be aware about the "obvious" AI indicators in text, to improve my writing any my AI detection skills.*	*Research common AI indicators, look through articles and blogs, that are supposed to help.*	*I will provide a report with my findings.*	Week 8	
Train image recognition AI	*I have worked with Teachable Machine in Class, that's about it.*	*Learning Plan Week 2*	*I would like to understand the steps and different approaches for training Image Recognition AI.*	*Watch a tutorial, understand what's happening and recreate it.*	*Submit an image recognition model, commented code. Document on progress, maybe live demo in the CGI.*	Week 9	*The tutors*
Miniature Wonderland	*I know that the Miniatur-wunderland in Hamburg uses a lot of AI to simulate reality in their model world.*	*Short abstract?*	*How can AI be implemented to simulate reality (in small). Also, because it's nice to know, what is AI there.*	*Look into their Youtube channel and website, as they document almost everything.*	*Essay, explaining where AI is used, my feelings maybe too.*	Week 4 Postponed to Week 10	
The AI Safety Book	*Marieke recommended a book and it sounds interesting*	*I promise she did (linked in her slides)*	*Learn more about AI safety.*	*Read!*	*Detailed document about key takeaways, maybe review.*	Beginning in week 10	*BOUD*
Prof. Dr. Monett Diaz stance on AI	*She is the Head of Computer Science Department at HWR Berlin. She is very AI critical and shares about 9 LinkedIn Posts daily. Will look into that!*	*As I am following her LinkedIn, I see that she is very AI critical, often also expressing that in a comical way.*	*I want to know more about her opinion because she's a woman in STEM I highly respect. She's been researching AI for over 10(?) years and as she is also the AI lecturer at my university, it's good to be aware of her opinion.*	*Either carefully read her LinkedIn posts, reposts, comments, any linked articles.* *Or read a significant amount of her publications, or both. TBA.*	*Essay on her media presence and what I learnt from it (What surprised me, what's new, are there any inconsistencies?)*	Week 5 ongoing Postponed to Period 2	*Prof. Dr. Monett Diaz*