

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