JHU APL ASPIRE

DATE	ACTIVITY	HOURS
2023-06-05	***ASPIRE tasking:*** In-person hours ***Notes:*** last day :(	3
2023-05-29	***ASPIRE tasking:*** Virtual hours ***Notes:*** Worked on getting project details up on a Gitlab for future reference and finalized/submitted final paper. Also inquired as to whether or not there is the possibility to publish research with the work I have done.	3
2023-05-22	***ASPIRE tasking:*** In-person hours ***Notes:*** Presented in front of AMDS/A4I about my topic and explained the research that I have done over this past year. ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** Presented in front of AMDS group	3
2023-05-15	***ASPIRE tasking:*** In-person hours ***Notes:*** Edits to paper and rehearsed for upcoming presentations	3
2023-05-08	***ASPIRE tasking:*** In-person hours ***Notes:*** Added to final presentation poster, picked up CompTIA Network+ textbook, and added to code/model.	3
2023-05-01	***ASPIRE tasking:*** In-person hours ***Notes:*** Finalized final poster and then also ran model on specific images to create a truth table.	3
2023-04-24	***ASPIRE tasking:*** In-person hours ***Notes:*** In addition to presenting at the SLC in the K Center, I am now nearly done drafting my final Showcase powerpoint. I also checked in with Ms. Katie and downloaded my internship completion certificate. ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** SLC Presentation in the Kossiakoff Center	3
2023-04-17	***ASPIRE tasking:*** In-person hours ***Notes:*** Prepping presentation for next week (and eventually the May presentation)	3

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2023-04-10	*ASPIRE tasking:* In-person hours *Notes:* Finalized the final presentation slides and checked in with Katie in weekly on-beat meeting.	3
2023-04-09	*ASPIRE tasking:* Vacation hours *Notes:* Highschool band competition in Orlando!!!	3
2023-03-27	*ASPIRE tasking:* In-person hours *Notes:* Reviewed diagrams to be added to project, finalized paper again, and began discussing final presentation preparation. *If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:* Reflection meeting/opportunity chat with Dr. Haufler	3
2023-03-20	*ASPIRE tasking:* In-person hours *Notes:* Reviewed feedback and made edits accordingly to paper.	3
2023-03-13	*ASPIRE tasking:* In-person hours *Notes:* Weekly meeting with both Ms. Katie and Ms. Mango with updates for the week. Began training the model on a larger dataset.	3
2023-03-06	*ASPIRE tasking:* In-person hours *Notes:* Check in with mentor, update and reflection on progress on my paper and on the project as a whole. I also met with Ms. Janna to discuss opportunities in Biology over in REDD this summer -- networking/professional development. *If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:* Networking - Summer ASPIRE Opportunities Chat w/ Janna Domenico	3
2023-03-01	*ASPIRE tasking:* In-person hours *If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:* Turning Red - Women in STEM coordinated Professional Development activity	2

TRACK IT FORWARD

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2023-03-01	***ASPIRE tasking:*** Virtual hours ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** Student Showcase Overview	0.5
2023-02-27	***ASPIRE tasking:*** In-person hours ***Notes:*** Continued to make SD images and also had feedback on the status of the paper so far.	3
2023-02-24	***ASPIRE tasking:*** In-person hours ***Notes:*** Toured parts of B15 with Toby, got to see things like the simulated organs that they make over there and the 3D printer that uses nylon dust to make fine prints. It was very interesting. ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** B15 Tour With Tobias Dillworth	1.5
2023-02-20	***ASPIRE tasking:*** Virtual hours ***Notes:*** Spent most of the day working on renaming all files using python code. Worked virtually due to a lack of transportation, but should have ~1000 rock images to work with by the end of the week.	3
2023-02-13	***ASPIRE tasking:*** In-person hours ***Notes:*** I created ~ 150 images to use in my model via Stable Diffusion. I met with Ms. Katie and Ms. Mango. I also got my model working on the ~100 image large datasets that I have saved to my computer. The next steps for my project would be to finish getting ~1000 images for stable diffusion and another ~400 for the 'real' dataset, and then getting the model to run at a high accuracy on the new data.	3
2023-02-08	***ASPIRE tasking:*** In-person hours ***Notes:*** Met with Maya and Taylor to discuss project overlap and got a working model up and running. This means my model can now identify faces on a basic dataset of ~12 images ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** Networking with other ASPIRE Interns (met with and discussed connections between projects)	3

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2023-02-06	***ASPIRE tasking:*** In-person hours ***Notes:*** Continued to work on the dataset. Troubleshooted many errors with packages and Conda being quite bothersome. Should be able to continue to work on the actual Tensorflow code.	3
2023-02-01	***ASPIRE tasking:*** Virtual hours ***Notes:*** Model troublshooting and tinkering	3
2023-01-30	***ASPIRE tasking:*** In-person hours ***Notes:*** Continued to code the model. Met with Chris and started creating fake faces of The Rock. Also met with Ms. Katie and Ms. Mango before they left to go teach cyber class.	3
2023-01-23	***ASPIRE tasking:*** In-person hours ***Notes:*** Next steps in research. Talked with JR and met other people in QCR who were able to help guide project. Began working on code!	3
2023-01-16	***ASPIRE tasking:*** Virtual hours ***Notes:*** Finalized outline and began working on finding good datasets for the upcoming pipeline.	3
2022-12-19	***ASPIRE tasking:*** In-person hours ***Notes:*** Just realized I did not log this time since it was right before break. I had met with Ms. Mango to get an update before going on break and get some paperwork done.	1.5
2023-01-09	***ASPIRE tasking:*** In-person hours ***Notes:*** Met with Katie, went to IGEM Talk, then met with Mango. Reviewed the outline made and discussed what could be added to it, and also planned next steps for project. Update on the GPU for Stable Diffusion - should be available next week. ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** IGEM Talk	3
2022-12-15	***ASPIRE tasking:*** In-person hours	3

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2022-12-05	***ASPIRE tasking:*** In-person hours ***Notes:*** Generative adversarial networks and how they might apply to my research.	3
2022-12-01	***ASPIRE tasking:*** Virtual hours	3
2022-11-21	***ASPIRE tasking:*** In-person hours ***Notes:*** Met with JR and Mango for the first time since summer. Set outline for 4 delivereables I should have soon.	3
2022-11-19	***ASPIRE tasking:*** In-person hours ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** AIAA Conference	3.5
2022-11-18	***ASPIRE tasking:*** In-person hours ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** AIAA Conference	9
2022-11-17	***ASPIRE tasking:*** In-person hours ***Notes:*** Met with Maya. Continued to get situated.	2
2022-11-14	***ASPIRE tasking:*** In-person hours ***Notes:*** First day in person in a while, regrouped and reoutlined the progression for project.	3
2022-11-10	***ASPIRE tasking:*** Virtual hours ***Notes:*** Scrapped meeting and began to outline research and CS deliverable in notion.	3
2022-11-03	***ASPIRE tasking:*** Virtual hours ***Notes:*** Another week of research. Prep for presentation on the 4th at Turf Valley. Got next deliverable which is a project outline for computer science and general research proposals.	3

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2022-10-26	***ASPIRE tasking:*** Virtual hours ***Notes:*** Met with Ms. Katie online and caught up on recommended articles to read, continuing to draft presentation for next week.	3
2022-10-20	***ASPIRE tasking:*** Virtual hours ***Notes:*** Weekly meeting with Mentor - 30 min Continued to dive into research and brainstorming - 3 hrs.	3.5
2022-10-11	***ASPIRE tasking:*** In-person hours ***Notes:*** Picked up badge and met with a few fellow ASPIRE interns on campus.	0.5
2022-10-10	***ASPIRE tasking:*** In-person hours ***Notes:*** First day and start of internship (so most time spent on setting up). Began diving into brainstorming for thesis and settled on one.	3
2022-08-19	***ASPIRE tasking:*** In-person hours ***Notes:*** Last day :(	5
2022-08-19	***ASPIRE tasking:*** In-person hours ***Notes:*** Presented at showcase. ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** ASPIRE Showcase	7
2022-08-17	***ASPIRE tasking:*** In-person hours ***Notes:*** Worked on finalizing the Gitlab and project presentation ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** HEAL brown bag health talk	5
2022-08-16	***ASPIRE tasking:*** In-person hours ***Notes:*** Worked on finalizing the Gitlab and project presentation ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** Showcase prep	5

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2022-08-15	***ASPIRE tasking:*** In-person hours ***Notes:*** Talked about future internship opportunities and renewal forms. Also worked out objective list for finalizing the project as a whole.	6
2022-08-11	***ASPIRE tasking:*** In-person hours ***Notes:*** Got algorithm to 95% accuracy by implementing data preprocessing. Also finalized final poster.	7
2022-08-10	***ASPIRE tasking:*** In-person hours ***Notes:*** Presentation work and met with past ASPIRE intern, Onyx. ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** Met with Past ASPIRE intern, Onyx.	5
2022-08-09	***ASPIRE tasking:*** In-person hours ***Notes:*** Worked on presentation and algorithm. Also helped with cybersecurity class.	7
2022-08-08	***ASPIRE tasking:*** In-person hours ***Notes:*** Began work on final powerpoint and continued fine tuning the algorithm. ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** Biology Workshop	7
2022-08-04	***ASPIRE tasking:*** Virtual hours ***Notes:*** Presented to Zara and everyone else Had a debugging meeting to kickstart my code, got it up and running with roughly 80% accuracy. ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** (may or may not be a professional development activity) presentation to AMDS A4 group	7
2022-08-03	***ASPIRE tasking:*** Virtual hours ***Notes:*** Worked on presentation (practiced running it) and on the ML code.	7

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2022-08-02	*ASPIRE tasking:* Virtual hours *Notes:* Finished Thursday's presentation slides and continued to work on getting the model running (using pandas to filter data).	7
2022-08-01	*ASPIRE tasking:* Virtual hours *Notes:* First day back since covid break, met with people and planned for presentation on Thursday.	7
2022-07-27	*ASPIRE tasking:* Sick hours *Notes:* out with covid (5/18 hours)	5
2022-07-26	*ASPIRE tasking:* Sick hours *Notes:* out with covid (13/18 hours)	13
2022-07-25	*ASPIRE tasking:* In-person hours *Notes:* Got ML algorithm up and running with 70% or so accuracy.	7
2022-07-21	*ASPIRE tasking:* In-person hours *Notes:* Planned out next steps for the project and worked through a tutorial of building a neural network using Tensorflow/Keras. *If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:* Public Speaking Workshop	9
2022-07-20	*ASPIRE tasking:* In-person hours *Notes:* Found new datasets. Reached out to contributors of UCI's phishing datasets to get the missing data that we need (the actual URLs).	3
2022-07-19	*ASPIRE tasking:* In-person hours *Notes:* Worked to troubleshoot Tensorflow and it's tutorial Met with Ms. Anna to discuss datasets. Refined dataset choices and planned for the future collection of data. *If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:* AOS ASPIRE Sector Overview	7

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2022-07-18	***ASPIRE tasking:*** In-person hours ***Notes:*** Worked on getting familiar with Tensor flow (tutorial). Organized files and was able to dissect the .arff phishing datasets that we might use. ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** 3D printing workshop	7
2022-07-14	***ASPIRE tasking:*** In-person hours ***Notes:*** Found additional datasets. Took a look at powerpoint, notes, and resources related to neural networks and AI. ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** Public Speaking Workshop	9
2022-07-13	***ASPIRE tasking:*** Virtual hours ***Notes:*** Went through materials on neural networks/AI and took notes	1
2022-07-13	***ASPIRE tasking:*** In-person hours ***Notes:*** Continued research on Datasets. Had a meeting with a very nice electrical engineer who gave a tour/overview of the space sector. ***If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:*** Met with Daniel Lein (an EE over in the Space Sector) for a career talk and Space Sector tour.	7
2022-07-12	***ASPIRE tasking:*** In-person hours ***Notes:*** Began researching datasets and getting familiar with Git/Conda as they now work on my computer. Highlight - did my first push request in Git.	7
2022-07-11	***ASPIRE tasking:*** In-person hours ***Notes:*** Finally got Anaconda and Git running on computer. Started to set up GitLab and get familiar with Git.	7

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2022-07-07	**ASPIRE tasking:** In-person hours **Notes:** Continued to struggle with downloading Anaconda/Git and discussed both goals and timelines with mentor. **If you attended any ASPIRE or Lab professional development activities today, please list the title of the event, here:** Board Game Workshop	9
2022-07-06	**ASPIRE tasking:** In-person hours **Notes:** Began working on downloading/becoming familiar with Anaconda and Visual Studio	3.5
2022-07-05	**ASPIRE tasking:** In-person hours **Notes:** first day :)	7