Information School
UNIVERSITY *of* WASHINGTON

DIRECTED FIELDWORK LEARNING OUTCOMES AGREEMENT

- *The student and DFW host site supervisor/mentor should collaboratively complete the "DFW Learning Outcomes Agreement" (LOA) during the first week of fieldwork (or earlier) and submit it to the DFW Faculty Coordinator by the due date reflected on the LIS 590 course website.*
- *The LOA should clearly define (a) what the student wants to learn (the learning outcomes), (b) what tasks or projects the student will be performing in order to meet those outcomes, and (c) what the student will have to show as "evidence" of having completed the learning outcomes (e.g., reference log, cataloging records, web pages, database designs, etc.). The Learning Outcomes Agreement guides the entire fieldwork experience much like a syllabus outlines and guides a college course.*
- *The LOA should also reflect the iSchool's commitment to diversity, social justice, and equity. Indicate in your learning outcomes how what you will be doing ties in with these important issues.*

Student Name: Huong Thanh Thai	
Student Email: huongtt@uw.edu	
Student Telephone: 646-5089820	
Host Site Institution: Ayo.AI LLC	
Supervisor/Mentor Name: Kenneth Tran	
Supervisor/Mentor Mailing Address (include city, state, and zip)**:** 11408 113th Pl NE, Kirkland, WA, 98033	
Supervisor/Mentor Email: ken@ayo.ai	
Number of LIS 590 Credits Registered for: 3	
Fieldwork Start Date: 09/01/2017	
Fieldwork Approximate End Date: 11/30/2017	

Using the chart below, please indicate the following:
- **Learning Outcomes:** List and describe (in as much detail as possible) three to five primary learning outcomes for the fieldwork experience.
- **Project/Task Description:** Describe the fieldwork projects or tasks (in as much detail as possible) that relate to each learning objective.
- **Evidence/Criteria for Evaluation:** For each learning objective, describe how student performance will be evaluated in terms of evidence (e.g. observation, product, report) and criteria (e.g. quality, number of hours).
- **iSchool Values:** Indicate as appropriate (i.e. either in outcomes, tasks, or evidence/criteria) how the work reflects the iSchool's commitment to promoting diversity, social justice, and equity.

	Learning Outcomes	Project/Task Description	Evidence/Criteria for Evaluation
1	Time series analysis and machine learning skills	Develop a demand forecasting model using Neural Networks on time series data	A neural-network based time series model that performs better than the previous baseline, which used vector autoregression.
2	Advanced Python programming skills	Develop the model in Python, using Keras, in high quality code	Pass team's code review: - Weekly log entries that you post in project Github repository - Peer reviews/other feedback will be assigned by the supervisor along the project
3	Team work	Collaborate with mentor and colleagues to get things done efficiently	Receiving good peer reviews (A final form will be submitted by peers when the project ends)
4	Think like a data scientist	Practice data science ethically and responsibly in Big Data	1-page write-up of the internship experience
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