

Jason Lin

Faculty Supervisor: Stephanie Frampton

Off-Campus Location: Brooklyn / New York / United States

Summer 2020

7/9/2019

Paris Photos

Project Overview

I will be participating in the Digital Humanities Lab remotely over the summer, which will be supervised by Professor Stephanie Frampton, Ryaan Ahmed, and other staff members. During this term, we will work on polishing up the spring semester's project, *Gamifying "Democracy and Development: Perspectives from Africa"*, and begin exploratory work for our next project about photos of Paris, which is led by Professor Catherine Clark. Afterward, we will start building the infrastructure for machine learning to use during the fall term.

Personal Responsibilities & Goals

During the summer, I will be working on cleaning up both the campaign simulation and the interactive fiction projects, which are part of the larger *Gamifying "Democracy and Development: Perspectives from Africa"* project. I will be refining the responsiveness of the web pages, improving the storylines, and making the interface more intuitive to use. Later in the summer term, I will switch over to learning about the Paris photos through reading Professor Clark's book, observing the dataset of images, coming up with interesting questions about those images, and understanding how to use machine learning models to help us answer those questions.

Remote Work Plan

Since I will be working remotely, I will use Slack and Zoom to maintain communication with the team. Throughout the week, there will be 15 minute long stand-up meetings where we talk about what we have been doing and whether we are stuck on anything. Additionally, on Fridays, we have 2-hour long Zoom hack sessions where we can work together on the project. I will be able to access the code through GitHub, use the GPUs for machine learning through Google Colab, and get the Paris photos through Dropbox.

Personal Statement

I am interested in doing this UROP because I want to expand my experience with machine learning. Although I took the Intro to Machine Learning course this year, I never learned about object detection or how to use pre-trained models to do machine learning. By working on a project that utilizes these concepts, I hope that I will be enlightened by seeing how I can apply those concepts to answer new and interesting questions.