

CISC 3140 Lab 3

Due 1 March 2021

For this assignment, I will choose the following job posting on Github Jobs: [Machine Learning Engineer — GitHub Jobs](#). This link will direct you to the “Machine Learning Engineer” full time position at Govini in Pittsburgh, PA.

The job posting in the above link requires a *Bachelor's, Master's or Doctorate degree in Computer Science, Computer Engineering or a related field, Minimum 2 years experience in hands-on development of machine learning models, Practical experience of building, developing and productionizing machine learning systems, Advanced software skills in Python, Experience in NLP, Hands-on experiences with AWS and cloud infrastructure, A strong desire to learn and investigate new technologies, Familiarity with Git source control management, Prior hands-on experience working with data-driven analytics, Ability to work collaboratively with little supervision, A burning desire to work in a challenging fast paced tech environment, & Track record of implementing data-driven products Experience in or exposure to the nuances of a startup or other entrepreneurial environment.*

To prepare for a job interview there, I would compare the job listing’s “Required Skills” section against the skill sets listed on my resume. For the skills I don’t have, I will read up on them or watch their Youtube tutorials and do starter mini projects to familiarize myself long enough to put them on my resume. As the process should take a week or several, this will surely stick new concepts into my head. Then with confidence can I say I know that particular skill/technology.

My skill set entails Java (3 years), C++ (2 years), C# (3 years), HTML (2 years), CSS (2 years), Javascript (2 years), Python (2 years), Solidity (1 year), PostgreSQL (1 year), Docker (1 year), and Redis (1 year). I took CISC 3440 (Machine Learning) as an elective for my major and I was exposed to Scikit-learn, Tensorflow, Keras & NLP. Also, I will graduate this semester (in May 2021) and have worked with Git source control for several years.

Aside from my technological aptitude, as a professional, I love getting to know those around me and form long term connections with my colleagues, supervisors/managers and clients. To add on, I am very flexible in my approach to work, as I can easily work well on my own and also as part of a team. With teamwork and connections comes the need for clear communication. I am very well able to communicate my concerns and thoughts to my fellow coworkers and managers, as clear communication is essential to a business’ growth. This feeds into the value of customer service, because most companies base their business agenda on customer service and if customers aren’t satisfied, business won’t thrive. Finally, I love looking for ways to improve and develop my hard and soft skills, because there’s always room for improvement, regardless of one’s experience.