

# Tiffany Ho

## EXPERIENCE

**McCoy's Building Supply** — Senior Design Project, September 2023 - November 2023

Produced a search engine in Python along with my team utilizing Scrum and GitHub that improves the accuracy of search results on McCoy's website for an improved user experience.

## PROJECTS

**Resume Classifier** — March 2025 - March 2025

Implemented a natural language processing (NLP) model in Python using Naive Bayes that learns from a dataset consisting of resumes for various occupations to classify the jobs of new resumes while also displaying the metrics (accuracy, precision, recall, etc.) to analyze the accuracy of the model for further resume classification improvement.

**Animated Facial Expression Recognition** — November 2023 - November 2023

Implemented a convolutional neural network (CNN) model in Python that classifies emotions from images of 2D cartoon characters' facial expressions and analyzed the results to gain more insight on how to improve visual emotion interpretation by machines.

**Becker Airlines** — September 2023 - October 2023

Worked with a team to create a database in SQL that enables faster and more accurate information retrieval for improved management of the airline.

**Super Mario Bros** — Personal Project, June 2023 - June 2023

Developed a Super Mario Bros game clone in Java using OOP that runs on multiple platforms including Android and iOS.

## CONTACT

tiffanyho68@gmail.com

281-302-9335

<https://www.linkedin.com/in/tiffany-z-ho>

## EDUCATION

**The University of Texas at Dallas**

MS, Computer Science

August 2024 - May 2026

**The University of Texas at Dallas**

BS, Computer Science

August 2020 - May 2024

## PROGRAMMING LANGUAGES

- Java
- C++
- Python
- HTML
- JavaScript
- SQL

## SKILLS

- OOP
- Scrum
- Unix
- GitHub
- MySQL

## COURSES

- Machine Learning (ML)
- Natural Language Processing (NLP)