Minh Tai Le

in **LinkedIn** | 📱 (408) 429 9459 | ✉ taile4920@outlook.com | San Jose, CA | 🐙 **GitHub**

Skills

- Python | Java | JavaScript | C/C++ | Racket | MySQL | PostgreSQL | MongoDB | Git | Unix/Linux
- Express.JS | React.JS | JavaFX | Tensorflow | Hadoop Mapreduce |Apache Spark | Jest | JUnit | Unit Testing

Education

San Jose State University   08/2023 - Current
- Master of Science - Software Engineer

California Polytechnic State University, San Luis Obispo   09/2021 - 06/2023
- Bachelor of Science - Computer Science

Projects

Perspektive:
- Designed, planned, and built a fully functional social media web application for collaborative use.
- Implemented RestAPIs for the backend and database for web applications using ExpressJS and Mongoose.
- Deployed web application using Azure web service
- Led a team of 3 students for the fully functional web application

Github: https://github.com/EthanRWagner/Perspektiv

School Management System:
- Implemented frontend, backend, and database for desktop applications with Java, JavaFX, CSS, and MySQL.
- Implemented user login, insert, search, and delete functions for the school to keep track of each student.

Github: https://github.com/taiminhle4920/365Project

Retention Analysis:
- Implemented a Neural Network model using Tensorflow, Numpy, and Matplotlib to predict the employee attrition status of an employee within that year.
- The model yields a result of 90% accuracy, using a small dataset on Kaggle with 1400+ entries

Github: https://github.com/taiminhle4920/retention-analysis

Collaborative filtering:
- Implemented a collaborative filtering algorithm with 2 different approaches: item-based and user-based, using Jackson library to parse data and Java to predict the rating for the restaurants on Yelp.
- The algorithm yields the output of 1.1 and 0.9 stars difference on average, respectively Item-based and User-based using 6 million entry datasets on Yelp.

Github: https://github.com/taiminhle4920/collaborativefiltering

Mush2:
- Implemented a minimal shell on a Unix server with C, supporting the cd command with the built-in command server

Experience

De Anza Police Department   08/2020 - 04/2021
- Police Student Assistance at De Anza College, regulating traffic and parking on campus

Archievement

- Member of National Honor Society (12/2017)
- Cal Poly SLO Dean's List