

Yan Peng Student

Software Developer

CONTACT

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PORTFOLIO

<https://yuqiao1205.github.io/portfolio>

EDUCATION

Bachelor's degree
San Francisco State University
Computer Science
GPA 4.0
2021 attended.

HONORS

Dean's List (2 Semesters)

SKILLS

- Java
- C++
- JavaScript
- Node.js
- Nextjs
- HTML
- CSS
- SQL
- Python
- React

LANGUAGES

- English
- Chinese
- Japanese

CERTIFICATIONS

Artificial Intelligence
Professional Certification

Japanese- Language
Proficiency N1

Japanese- Business
Certificate J2

OBJECTIVE

An energetic and passionate undergraduate student seeking an internship as a software engineer opportunity.

RELEVANT COURSEWORK

Software Development, Deep Learning, NLP, Network, Analysis of Algorithms, Operate System, Database System Data Structure, Web Development, Programming Methodology

SCHOOL PROJECTS

Calculator 2021.9 – 2021.10

Java

Implemented an infix expression evaluator given a code skeleton and performed essential mathematical functions using two stacks. Used Java swing to make calculator input GUI. (This project achieved top score in the class) [GitHub Source Link](#)



Compiler 2021.11 – 2021.12

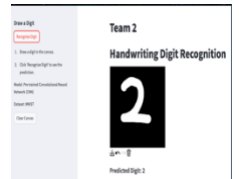
Java

Implemented compiler stages from the lexer, parser, and interpreter to the debugger. Converted the source code of a computer program into a sequence of tokens and transformed them. (This project received top 3 student in the class) [GitHub source Link](#) [for lexer](#) / [for parser](#) / [for interpreter](#) / [for debugger](#)



Image Post App 2022.1 – 5 Node.js, SQL, HTML, JS, CSS

Implemented login, register, post images, search and make comments features based on unregistered users and registered users' access. (This class received top student in the class) [GitHub Source Link](#)



Handwriting Recognition 2023.11

Python

Develop and evaluate a Convolutional Neural Network (CNN) model that classifies handwritten digits from the popular MNIST dataset.

PERSONAL PROJECTS

TravelWise 2023.11 – 2024.4 React, MySQL, cloud deployment.

I independently designed and implemented all aspects of a travel website, including the frontend, backend, REST API, database architecture, and cloud deployment. I also integrated advanced functionalities into the website using the Open AI API for text generation and vision.



Movie Review 2024. 3-4 Nextjs, React, Tailwind

The Next.js project uses a 3rd party IMDB API to fetch movie data and enable searching, creating a seamless interface. [GitHub Source Link](#)



Banking System 2023.5 – 10

Java

Implemented checking account, saving account, and cash deposit features. This app included creating all types of accounts, resetting, showing account details, and withdrawing functions. Used Java FX to make GUI. [GitHub Source Link](#)



Brick Game 2022.1 – 3

JavaScript, CSS, HTML

Implemented a brick game including calculating points, faster ball speeds for each level and when all blocks are eliminated, passing the user to next level. Implemented keyboard and mouse controls for the game. [GitHub Source Link](#)

