


YUYAN LI

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Address: Rosebery, NSW,
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EDUCATION

Bachelor of Science
Computer Science
The University of New
South Wales
09/2019—12/2022
Distinction

SKILLS

Languages:

Python, SQL, JavaScript,
C, Java, HTML/CSS.

Tools and Practices:

Git, Agile, OOP, Scrum,
Jira, CI/CD, sockets,
Firebase authentication,
responsive web design,
Vite, deep learning.

Frameworks and

Systems:

FastAPI, Flask, React,
PostgreSQL, SQLite
PyTorch.

ABOUT ME

I have always had a fascination for computers and software. I find them exciting and decided to study Computer Science to have a deeper understanding of computing and software. I'm graduating at the end of 2022, and besides my studies at university, I have learned many things on my own, such as web development with React and how to work with public APIs. You'll find my experience below.

EXPERIENCE

Data Analyst Contractor, bilibili Inc., remote — May 2021 - August 2021

- Worked with public APIs of major social media and video platforms.
- Used Python to fetch the **data of thousands of users** on schedule.
- Analysed data of a live concert in real-time to boost online engagement and marketing strategy.

PROJECTS

MovieGeeks Website

A movie database website where users can:

- Browse and search for recently released and trending movies.
- Get **personal recommendations** based on their taste.
- Leave reviews, upvote and downvote other people's reviews and ban other users.

Tech stack: React, FastAPI, SQLite, Firebase.

Task Manager Website

A task management website where users can:

- Keep track of tasks with a due date with dynamic status updates.
- The tasks can be searched, sorted, updated, or deleted.
- The site can handle **tens of thousands of entries** with ease.

Tech stack: React, FastAPI, PostgreSQL.

YouTube audio downloader

An automated command line tool that:

- Periodically checks for video updates and downloads the audio.
- The audio gets properly **renamed, processed, moved and uploaded** to iCloud Drive.
- Shows up on the phone as podcast sideload episodes.

Tech stack: Python with YouTube APIs, youtube-dlp, Crontab, Automator.

EXTRACURRICULAR ACTIVITIES

Professional Development Program by UNSW
Career Discovery Mentoring Program by UNSW
UNSW Leadership Foundation Program

REFERENCES

References are available upon request.