

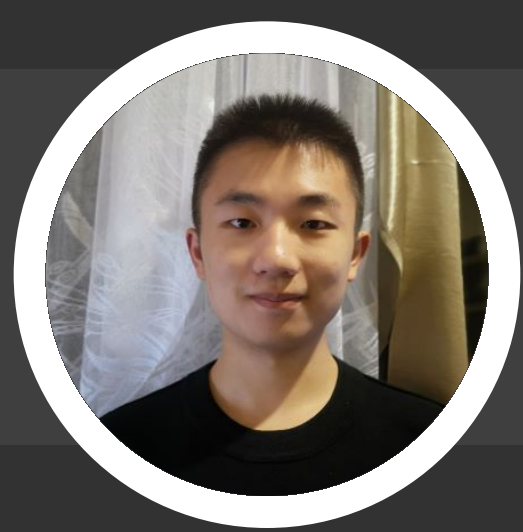
# Yifei Liu Politechnika Gdańska Student

♂ Male


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📅 15/10/1997

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## LINKS

 <https://duguyifei.github.io>

 <https://github.com/DuGuYifei>

## SKILLS

🗨 Chinese, English

📄 C++, C#, C, Java  
Qt, Spring Boot

📄 Vue, JS, TS

📄 Python, R, Git

📄 Docker, Unity, UE, Figma

📄 sql, Nosql, hadoop,  
Data Warehouse

## HONORS & AWARDS

2021:

Rector's scholarship of  
Politechnika Gdańska

2022:

Rector's scholarship of  
Politechnika Gdańska

## INTERESTS

Game, Taekwondo, Latin Dance

## EDUCATION

### ● Politechnika Gdańska - WETI

Data Engineering  
-- GPA = 4.760/5

October 2020 - today

### ● Shanghai Lixin University of Accounting and Finance

Management Bachelor  
-- GPA = 3.33/4

Sep 2015 - July 2019

## PROJECTS [\(See More\)](#)

### ● Key Checker

● Qt C++ ● Py ● Vue.js ● SpringBoot

Prepare a "coat" for other programs which user can use a time-limited key to log in. User's machine is bound. Supervisor have has his own interface. Use SHA-256 encryption, http request, Multi-processes communication (Shared Memory, Message Pipe), Multi-threads, WinAPI.

**Code:** <https://github.com/DuGuYifei/KeyChecker>

### ● Wallpaper Engine

● C++ ● C#

Create Wallpaper Engine which support html file, website, picture, video, exe and allow user interact with wallaper. Support multi-screens, two languages (English and Chinese).

Inside project, there is Webkit Chrome I created by C# in the other project.

**Code:** <https://github.com/DuGuYifei/WallPaperEngine>

**Display:** <https://www.bilibili.com/video/BV1gR4y157pz/>

### ● RailwayStation\_DataWarehouse

● Python ● TSQL

A data warehouse demo for occupancy rate and remain ticket of Railway station. Process: specify requiremnt, generate data by python, build source database, datawarehouse design and implementation, ELT process, MDX queries, optimization, BI dashboard.

**Code:** [https://github.com/DuGuYifei/RailwayStation\\_DataWarehouse](https://github.com/DuGuYifei/RailwayStation_DataWarehouse)

### ● Shell\_renameMP3\_ID3TAG

● shell

Using Linux shell to rename mp3 file in batch by read and write binary file without using library for mp3.

**Code:** [https://github.com/DuGuYifei/renameMP3\\_ID3TAG](https://github.com/DuGuYifei/renameMP3_ID3TAG)

### ● Pet Register service

● Vue.js ● SpringBoot ● Docker

Use Sprinboot build back-end and Vue.js build front-end send request of API to service.

**Code:** [https://githDuGuYifei/SpringBoot\\_AnimalPet](https://githDuGuYifei/SpringBoot_AnimalPet)

### ● Yolov5\_FPS\_AICheatPrinciple

● Python

Use Yolov5 to realize principle of AI cheating for FPS game.

**Code:** [https://github.com/DuGuYifei/Yolov5\\_FPS\\_AICheatPrinciple](https://github.com/DuGuYifei/Yolov5_FPS_AICheatPrinciple)

**Display:** <https://www.bilibili.com/video/BV1xY4y1M75D/>