

Robert Yan

Phone-Number | Email | github.com/lewyche
Location

EDUCATION

University of Guelph

Bachelor of Computing - Software Engineering

2024 - 2029

4.0 GPA

WORK EXPERIENCE

CSCF Technician

University of Waterloo - 200 University Ave W

Feb - Aug 2023, July 2024 - Aug 2024

- Upgraded old server infrastructure and firmware, providing access to legacy services and improving facilities provided by the university
- Rewired a server rack hosting over **20** servers to improve the organization of the university's server rooms.
- Assembled and Installed server equipment worth over **\$20,000**, as required by a research project

PROJECTS

[Course Schedule To Calendar Converter](#)

Python, Flask, ICalendar, HTML, CSS

- Created a website that converts course schedules into .ics files with Python and ICalendar, supporting **every major calendar** application
- Parsed and manipulated data from WebAdvisor to achieve support for over **2,000** courses, including Distance Education courses, allowing students to import any course from the University of Guelph
- Deployed the Flask web app on PythonAnywhere, serving over **90** visitors

OPEN SOURCE CONTRIBUTIONS

[OpenRCT2](#)

C++, SDL2, Github, Git

- Overhauled UI with SDL2 to fit over **25** languages, improving the repositories multi-language support
- Fixed several visual bugs, improving the remake's faithfulness to the original game
- Fixed a bug affecting the timing of the rides, enhancing the accuracy of the game

SKILLS

- C++, C, Python, HTML, CSS
- Flask, ICalendar, SDL2
- Github, Git