

Yueh-Ming Wang

ywan242@lsu.edu | (504) 441-8269 | linkedin.com/in/yuehmingwang | github.com/ywang0625

Education

Louisiana State University (LSU), Baton Rouge, Louisiana **Expected May 2025**

Roger Hadfield Ogden Honors College

Bachelor of Science, Major in Computer Science concentration in software engineering

Minor: General Biological Science

Honor: Taylor Opportunity Program for Students (TOPS) Recipient

Related Coursework: LLM Development and Deployment, Object-Oriented Programming, Genetics

Projects

Mini-Arcade Game in C++ **September 2023 – November 2023**

- Collaborated with a peer to develop PacMan in a team of six computer science students
- Successfully solved coding difficulties by initiating unique methods
- Mastered integrating SFML with C++ in 3 months and increased efficiency by 15%

An LLM for Cancer Pathology Interpretation **August 2023 – December 2023**

- Facilitated meetings and interviews with sponsors, instructors, and the public,
- Closely monitored team project progress and retrieved data from data provider
- Promoted projects at meetings and events; presented for professional medical organizations

Binary Search Tree ADT in C++ **April 2023**

- Coded a parameterized binary search tree abstract data type in C++
- Efficiently implemented in-order, pre-order, and post-order traversals using recursions

Leadership, Involvement, and Organizations

Church Pianist, Translator, and Active Member **May 2016 – September 2022**

Evangelical Formosan Church of New Orleans (EFCNO), Kenner, LA

- Taught church pianists and music theory from 2020 to 2022; Increased pianist by 13%
- Served as the head pianist since 2017; performed at least 50% of the year till 2022
- Translated sermons from Mandarin to English; increased English-speaking members by 10%

Skills

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- Proficient: C++, Python, SFML
 - Previous Experience: Java, React Native, SQL, HTML, CSS, JavaScript, C, Linux, Unity
 - Language: Bilingual in English and Mandarin Chinese. Beginner in French and Japanese
 - Personal Interest: Digital Art, Crafting, Pastry, Traveling