

# MEI YI YANG

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## Education

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### University of Michigan

Ann Arbor, MI

*Bachelor of Science and Engineering in Computer Science*

*August 2023 – Present*

- **GPA:** 3.335 | **Relevant Coursework:** Data Structures and Algorithms, Introduction to Computer Organization, Discrete Math, Programming and Intro Data Structures, Introduction to Statistics and Data Analytics

### Southpointe Academy

Vancouver, Canada

*High School Diploma*

*August 2019 – June 2023*

- **GPA:** 97% | **Relevant Coursework:** AP Calculus AB, AP Computer Science Principles, AP Research
- **Activities:** Archimedes Club Coach, Arts Council President

## Experience

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### Operations Team Intern

Shenzhen, China

*Tencent Cloud – CSIG Cloud Product Department 1*

*May 2024 – July 2024*

- Conducted thorough analysis of profit trends to devise strategies for maximizing gross profit in international cloud products: Cloud Virtual Machines (CVM), Lighthouse, GPU, Baremetal, etc.
- Engaged with clients and outsourcing businesses to develop customized purchasing models, ensuring alignment with their business needs
- Analyzed and benchmarked Tencent's position against major competitors in international markets to identify and create sales advantages, such as offering equivalent or superior specifications at 5-10% lower prices
- Implemented Tencent HunYuan AI chat bot API to the internal team with the goal of offsetting manual calculation workload and improving time efficiency by 80%

### Publicity Chair

Ann Arbor, MI

*University of Michigan – Chinese Student Association (CSA)*

*May 2024 – Present*

- Coordinated with event organizers to create promotional content, including videos and graphics for social media and on-campus strategies
- Actively managed social media accounts (Instagram, TikTok, Discord) to boost member activity and engagement
- Designed 30+ social media posts using digital art and design software applications, such as Canva

### Summer School Teaching Assistant

Vancouver, Canada

*Southpointe Academy*

*June 2022 – August 2022*

- Assisted instructor with delivering Pre-Calculus 11 lectures to high school students throughout a two month accelerated course
- Offered tutoring support during breaks and for an hour after school, assisting students in grasping lecture concepts and completing assignments
- Graded homework, quizzes, and exams, ensuring timely and accurate assessment of student performance

## Projects

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### Piazza Classifier | C, C++

- Developed a program that utilizes natural language processing and machine learning to analyze student forum posts on Piazza, accurately predicting the most likely subject with an accuracy of 87.08%
- Trained the algorithm using input CSV files and generated predictions based on computed log-likelihood

### Text Buffer | C, C++

- A custom text buffer implementation that has a cursor and functions like a command line interface
- Supports moving left, right, and between rows, as well as insertion, deletion, and other text editor operations
- Uses a custom implemented doubly-linked list with an iterator interface

## Skills

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**Languages:** C, C++, Python, Java, JavaScript, MatLab

**Developer Tools:** VS Code, Xcode, Eclipse, Git, GitHub, GDB, WSL 2, Ubuntu Linux, Windows 11, MacOS

**Interests:** Dance, League of Legends, Snowboarding