# Yi Meng Wang

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## EDUCATION

**University of Alberta**                                                                                                      Class of 2024
*Computer Software Engineering, BSc (Co-op Program)*                                  *Cumulative GPA: 3.7 / 4.0*

## WORK EXPERIENCE

**Undergraduate Teaching Assistant**                                                       September 2021 - Present
*University of Alberta, Part-time*
- Instructed first and second year students in Python programming and basic computer science foundations such as data structures, OOP, and algorithms

**Junior Software Developer**                                                                  July 2021 – September 2021
*Bessie, Part-time*
- Developed 5 features for the Slack bot using Slack API, Twilio, PostgreSQL, and Flask based on software requirements, enhancing the communication between Bessie and all the existing and future customers
- Re-designed Bessie's inventory Retool app to be more convenient for internal employees to use

**Programming Content Creator**                                                              April 2021 - August 2021
*M2M Technology, Co-op*
- Instructed Introduction to Python and Introduction to Data Science to students between the age of 12-18
- Led the planning and design of our weekly event, Career Spotlight, to help navigate students' future career
- Built 15 projects using Beautiful Soup, Tableau, Pandas, Bokeh, Slack API, Google Sheet API, and JavaScript to spark students' interest
- Managed M2M Tech's social media accounts, including publishing tech-related reels that had more than 2k views, and growing our following by 30% over the summer

**Licensed Insurance and Investment Advisor**                                       January 2020 - Present
*Crius Financial Services*
- Successfully closed transactions based on clients' needs and budget: Tax-Free Savings Accounts (TFSAs), Registered Retirement Savings Accounts (RRSPs), investment accounts, and life and health insurance policies
- Provided financial education to prospective clients towards building a solid financial foundation

## PROJECTS

**Care bot**
• Designed and developed a Discord bot that has 6 features: create polls with message reactions, store and delete customized quotes, send random pick-up lines that are scraped from websites, send mental health related links
• Built with Discord API, Python, and Beautiful Soup

**Amane Adventures (https://psemano.itch.io/amane-adventures)**
• Created a game with university students that encourages players to contribute to the local water database
• Learned the basics of how to create a 2D platform game with Unity
• Placed Second in People's Choice for the Xylem Global Water Challenge

**TapTap Game (http://www.yimengwangportfolio.com/TapTapGame/)**
• Programmed a simplistic yet challenging reaction game involving matching colours within limited time
• Utilized JavaScript with the focus on backend development

## TECHNICAL SKILLS

• C++, Python, HTML, CSS, JavaScript, Java, SQL
• Git, Selenium, Beautiful Soup, Pandas, Bokeh, Jupyter Notebook, MS Visual Studio Code, Eclipse, Agile Development

## VOLUNTEER EXPERIENCE

**Logistics Vice President** of Millennium STEM Alberta                        April 2018 – Feb 2021
• Led the planning of various events throughout the year, including the annual STEM conference at the University of Alberta for 110 high school participants
• Managed and set-up Eventbrite pages for purchasing of tickets
• Arranged VP meetings and logistics board meetings

Other involvement: Engineering Student Society IT Coordinator (2021), VP Social of Computer Engineering Club (2021), Retreat Leader for First Year Retreat (2021), Mentor for Canadian Mentors for Youth (2021)