Jason Tran

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HIGHLIGHT OF QUALIFICATIONS

- Enrolled in level 1 of the Engineering Co-op program at McMaster University, pursuing the software engineering stream in level 2.
- Reinforced communication and cooperation skills through 4 years of experience including retail, clubs, tutoring, and design.
- Developed technical skills in solid modelling Autodesk Inventor and troubleshooting in Python through the Cornerstone Design Projects in Engineering Course.

EDUCATION

McMaster University   Sept 2020 - Present
Bachelor of Engineering (CO-OP) | Hamilton, ON
- Awarded the **John Hodgins Memorial Scholarship** valued at $1,500.
- Awarded the **Engineering Dean's Excellence Scholarship,** valued at $7,000.
- Awarded the **President's Award** for having a grade-point average above 95% in high school, valued at $2,500.
- Awarded the **Summer Research Position Award** after the successful completion of the first year, valued at $6,000.

EXPERIENCE

Vice President of Marketing   Sep. 2020 – Present
Developer Student Clubs McMaster University | Hamilton, ON
- Lead a team to create, implement, and monitor the performance of social media and its advertisements using Google's branding.
- Analyzed the quantitative reports about club-audience interactions and interests to further extrapolate growth and interactions.
- Collaborated and constructed innovative data-rich infographics for website and social media content by guiding the design team.

Academic Tutor   Jun. 2018 – Jun. 2020
Self-Employed | Guelph, ON
- Enhanced **4 students'** ability to learn through thorough instructional solutions, approaches, and explanations.
- Ensured the focus of students with proactive behaviour and positive reinforcement techniques.
- Built strong rapport with the 4 students by maintaining reliability and support through honesty and integrity.

Graphic Designer   Jun. 2016 – Jun. 2020
Self-Employed | Guelph, ON
- Utilize social media platforms for marketing to attract, communicate, and understand over **30 clients** and their demands.
- Produced over **50 high-quality designs, and artwork** based on the client's requirements using Adobe Photoshop and Illustrator.
- Ensured the final product exceeds expectations through collaboration and updating clients on progress, changes, and adjustments.

Meat Department Clerk   Oct. 2017 – Mar. 2019
Zehrs Markets | Guelph, ON
- Implemented safety assurance measures, such as ensuring sanitization and food health standards are met.
- Organized and ensured that approximately over **300 products** were of high quality and does not violate any regulations daily.
- Developed highly effective oral communication and interpersonal skills by ensuring customer satisfaction and resolving all existing problems by recommending solutions or alternatives.

PROJECTS

McMaster 2024 Discord Community   Apr. 2020 – Present
- Created a Discord server for the incoming students of the fall 2020 term for meeting and having online interactions during the pandemic; it is currently at **3500 members**, with an apex of **42,000 messages** a day, an apex of **5200 call minutes** a day, and over **2,200,000 messages** in total.
- Worked jointly with **20 McMaster clubs** to market and to gain exposure to opportunities that were faded in the pandemic.

TicTacToe MiniMax Algorithm   July. 2020
- Implemented the minimax AI algorithm with alpha-beta pruning in Python to the classic tic-tac-toe game.
- The algorithm searches for the best move that leads the *Max* player to win or draw. It considers the current state and available moves, then for each valid move, it scores the results (alternating *min* and *max*) until it finds a terminal state (win, draw or lose).

SKILLS

- Proficient in Adobe Photoshop, Adobe Illustrator, and Adobe XD • Familiar with Python and Autodesk Inventor • WHMIS trained