

ROD ISAAC NATHAN UY

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HIGHLIGHT OF SKILLS AND QUALIFICATIONS:

- Proficient in Python, Java, JavaScript, Go, MATLAB, Lua, HTML & CSS.
- Knowledgeable in relational database and SQL.
- Efficient in using Love2D and Unity game engines, react library, and Django framework.
- Experienced in version control systems such as GitHub and GitLab.
- Working knowledge on Microsoft Office Suite and Google Workspace

EDUCATION:

McMaster University, Hamilton, ON

Level 3 Software Engineering and Management CO-OP, 2019 - 2024

- **The McMaster's President Award** (for achieving 95% or higher in grade 12)
- **Dean's Honour List** (with a cumulative GPA of 11.7)
- **Honors Society** (for being within the top 15% of the entire program)

WORK AND VOLUNTEER EXPERIENCES:

2021-Present	Teaching Assistant for Integrated Cornerstone Design Projects at McMaster University <ul style="list-style-type: none">• Effectively contributed to the development of course deliverables resulting in the students' quicker understanding and retention of learning outcomes.• Fostered an invigorating learning environment that prompted innovation and critical thinking.• Utilized effective communication by providing constructive feedback on students' assignments and projects, thereby helping them better understand course materials.
2017-Present	Warehouse Associate at LPG Inventory Solutions <ul style="list-style-type: none">• Developed a systematic routine that helps categorize customer orders based on their priority resulting in the efficient execution of the work process.• Showcased enhanced communication by providing well-detailed reports to warehouse supervisors and co-workers that helped contribute to a cohesive work environment.• Successfully managed customer returns and proactively verified customer orders/invoices.
2018-2019	Cardinal Newman Peer Mentor and Tutor

- Continually displayed interpersonal skills by actively engaging and listening to fellow high school students and transitioning elementary students about their challenges in school — finding effective ways to handle and resolve their course obstacles.
- Exhibited effective communication in tutoring grade 11 and 12 students in mixed/university level math and chemistry courses.
- Proven track record in delivering learning objectives by seeing an average of 5% increase from students' course marks.

PROJECT:

- **Personal Website** (showcases my summary of qualification and skills)
 - **Language:** HTML, CSS, and JavaScript
 - **Library/ Framework:** Bootstrap
- **Scheduler** (website used to organize tasks)
 - **Language:** JSX
 - **Library/ Framework:** React and Material UI
- **Earnings Organizer** (program used to organize income and taxes, perform searches, and summarize entries)
 - **Language:** Python
 - **Library/ Framework:** Django
- **Audited CS50's Introduction to Web Development and CS50's Introduction to Game Development.**

HONOURS AND AWARDS:

- Ontario Scholar
 - The Award for Academic Excellence
 - Cardinal Newman Physics Award
 - Cardinal Newman Mathematics Award
 - The Millennium Award
 - Cardinal Newman Jr. Musician Award
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REFERENCES ARE AVAILABLE UPON REQUEST