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)
- **Golden Key International Honour Society** (Granted membership 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**
- 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**
- 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

REFERENCES ARE AVAILABLE UPON REQUEST