

# Ryan Ordia Unuigboje

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## Summary Example

Driven and passionate professional and recent graduate with a Bachelor of Science in Sustainable Design Engineering. Completed several projects, including a no-pull and no-lift controller that is patent-pending. Eager to begin a position as a Design engineer to utilize my skills and experience in working with teams and Design Projects. In addition, I also hold a certification in Solidworks.

## Education

Bachelor of Science in Sustainable Design Engineering

UNIVERSITY OF PRINCE EDWARD ISLAND

January 2018 to May 2022

## Relevant Coursework

Focus Area on Design and Mechatronics

AbleGamers Charity - (Student Design Engineer)

- I was the Team Lead for this project where we had to design a controller for people with an upper limb disability that would work with an Xbox adaptive controller and be a cheaper alternative to regular single buttons.
- I had to draft various 3D models using Solidworks, which were approved by the client, and we finalized a design which is in the process of being patented and is approximately 80% cheaper than a regular gaming pushbutton.

[Link to News about Project](#)

Canadian Tire Corporation Ltd - (Student Design Engineer)

The project's main goal was to solve the ergonomic issues that resulted from warehouse workers lifting heavy objects.

- Collaborated with 3 team members to develop the design and implementation plan (Using Solidworks as our CAD program) to achieve a final design using a design matrix criterion.
- Performed Risk Analysis Assessment to check and prove the design was 100 % safe to use and a Life Cycle analysis to ensure the sustainability of materials used.
- Presented final design to clients and the Engineering Faculty (over 120+ people) and submitted a detailed analysis report on the proposed solutions

## Work Experience

INNOVATION PEI

CASE TEAM MEMBER - May 2021 to August 2021

Working on various cases that were brought forward by government departments and agencies as well as private businesses and non-profit organizations.

- Identified and helped articulate clients' needs based on their requirements
- Formulated recommendations and solutions based on capabilities and limitation
- Gave various professional oral presentations as well as a detailed report of findings

Concentrix Technologies Services

TECHNICAL ADVISOR -May 2021 to August 2021

- Identifying and establishing new business
- Liaising with existing clients
- Providing pre-sales and post-sales support
- Providing product education and advice
- Ensuring that sales targets are met

#### AUTOMOTIVE MAINTENANCE STUDENT

- Worked with senior colleagues to fix and make repairs to various vehicles
- Attended to customers, finding out how we could be of service to them.

**Skills:** 2-10 skills needed for the job

Solidworks

Microsoft Office (Word, Excel, and PowerPoint) from writing multiple analyses and technical reports

AutoCAD

SCADA and PLCs

Links

<http://www.linkedin.com/in/ryan-ordia-unuigboje>