

THARUKA NANAYAKKARA KURUPPU

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Technical: Experienced in Fundamentals of engineering, engineering design process, computer aided design, MS office and programming. Proficient in writing technical documents and used to work under pressure and handle multiple tasks to meet deadlines.

Communication: Experienced in technical and oral communications, collaborating with faculty, students and other universities to organize events and fundraisers.

Education

University of Prince Edward Island (September 2015 – present)

- Dean's Honours List 2015-2016 and 2016-2017
- Second year engineering student. Obtained a 4.1 GPA in 2016-2017
- Math Minor at University of Prince Edward Island

Computer skills

- Microsoft PowerPoint
- Microsoft Word
- Microsoft Excel
- Solidworks (CAD)
- Autodesk Inventor (CAD)
- Programming in C
- Adobe photoshop
- Adobe premiere pro

Experience

UPEI Baja (September 2017 – Present)

- Working with a team to create the powertrain of the Baja
- CAD designing the CVT case and mounts
- Modifying the CVT structure to enhance power output
- Creating professional design documents for fabrication and build

Top Dog Manufacturing (Junior Design Project)

- Designing and building a polymer folding and alignment system
- Responsible for communicating and updating the client

VP of communications - Engineering Society (September 2017 – Present)

- Communicating to UPEI Engineering Student, faculty and other University executives
- Planning and organizing professional and society events
- Responsible for keeping project logs and submitting survey findings to project managers
- Creating promotional material for Society events

VP of communications-Engineers Without Borders UPEI Chapter (September 2017 – Present)

- Organizing events to raise funds for international advocacy programs
- Creating promotional material for EWB events

Reference upon request