

# ARMGHAN HAIDER

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## Summary of Qualifications

- Extensive **Project Management** experience gained from overseeing multiple projects at Andersen Corp
- Outstanding proficiency in **AutoCAD** relating to **GD&T, drafting** and **design**
- Experience in **TPM** acquired from work at Nestle Canada
- Managed **tooling budget** at Andersen Corp by identifying and **purchasing** tools & parts for essential equipment
- Experience building and designing complex parts and assemblies in both **SolidWorks** and **Inventor**
- Experience with **PLCs** & logic ladder on **RS Logix 500, CodeSys** & other such software
- Experience automating **Excel data** using **VBA** and **macros**
- Ability to deliver **high quality** work under **pressure** and on a **tight schedule**

## Work Experience

### Process Engineering

05/2018 to 08/2018

Andersen Corporation – Strathroy, ON

- **Managed and supervised** subcontractors, operators & off-site designers
- Managed **project budgeting** which included parts ordering, hiring subcontractors & monitoring workflow
- Oversaw **multiple projects** at a time each requiring design, fabrication, and implementation expertise
- Developed **concept layouts** for custom racks, hinges, and cabinets on **AutoCAD & Inventor** for review based on design specifications and constraints using advanced keys and commands
- **Design products for manufacturability** using assemblies in Autodesk **design** and **Inventor**
- **Implemented alternatives** that resulted in a net **reduction** of 10 tons of VOC emissions
- **Reduced waste emissions** by implemented recycling strategies that allowed for **2-3 tons of plastic** cut-offs to be recycled each year

### Factory Administrator (Production)

08/2017 to 11/2017

Nestle Purina Canada – Mississauga, Ontario

- Worked with **Auto-CAD** to create safety maps to locate high-risk components in processing lines
- Worked with **Microsoft Access & SQL report builder** to query data
- Created parts & assemblies in **Solid works** for visual representation and design purposes
- Worked on building **efficiency and performance reports** that would improve costs and reduce waste
- Worked on creating **computer robots** that automate day to day tasks such as data entry and report building
- Improved **PLC** data-base with the help of control specialists

## Volunteer Experience

### Waterloo Formula Electric Car Club (WatCAR)

09/2016 to 12/2016

Center for Automotive Research, University of Waterloo

- Assisted with mechanical design through work with **AutoCAD**
- Mutually collaborated on ideas and **technical work** with other engineers

## Education

**Candidate for Bachelor of Applied Science:** Mechanical Engineering

2016-2021

**University of Waterloo** - Waterloo Ontario

## Side Projects

- Working to create an Android application using **Android Studios**
- Learning to use **Raspberry Pi** with the use of PLC software **RSLogix5000**