

Arnav Dalmia

📧 www.arnav.dalmia.me ✉ a4dalmia@uwaterloo.ca ☎ 6478895664 🌐 <https://github.com/ArnavDalmia>
in <https://www.linkedin.com/in/arnav-dalmia/>

SKILLS

Computer Skills

Tools/Technologies : Apple and Windows Ecosystems, SOLIDWORKS, MATLAB, Circuitry, Git, Github, VS Code, Eclipse, Notepad++

Languages : Python, Java, HTML, studying C++ and SQL

EXPERIENCE

Summer Student Intern, Pacline Overhead Conveyors

07/2023 – 08/2023

- Operated **various industrial machinery**(angle grinder, welder, drill press, band saw, jig saw, automatic and semi-automatic saws, etc.) for construction of **company work orders** (such as **HSS Stands and Conveyor Trolleys**)
- Received and executed work orders for **20+ company clients** in an industrial setting (including Walmart).
- Proficiently **assembled conveyor parts**, including lubricators for conveyor drive units.

Freelance Part-Time Web Developer

01/2022 – present

- Directly **communicated with clients** and understood website requirements, such as a contact form that emails responses
- Designed websites using **HTML** and **Bootstrap CSS Framework** through **Brackets** and **VS Code**

SHAD Western 2022 Winner

07/2022 – 08/2022

- Participated in SHAD Design Competition and created **Winning Pitch : MedLet**, a medical bracelet
- Designed** bracelet using **SOLIDWORKS**
- Programmed company website using **HTML and Bootstrap Framework**, and published using **Netlify**
- Programmed NFC Chip using **NFC Tools** and provided proof of concept using **Python** and **NFCpy** api

FRC Team 1325 Inverse Paradox

09/2021 – 05/2023

- Electrical Lead** : In charge of teaching students the functionality of all **electrical components** within our robot
- Scouting Lead** : In charge of overseeing the entire team in regards to accumulating game data which directly correlates to **strategy** and team placement
- Pit Boss** : In charge of talking to any FRC officials and maintaining the pit, such that our robot and team could accumulate **prestige** and be widespread

EDUCATION

Candidate for Bachelor of Applied Science - Systems Design Engineering,

09/2023 – present
Waterloo

University Of Waterloo

Granted President's Entrance Scholarship - High School Average of 94.5%

AWARDS

TD Achieve the Dream scholarship

FRC Team 1325, FIRST

Excellence in Engineering Award, District Winner throughout 2022 and 2023 seasons

Top Scoring Project of 2022 Design Project Competition, SHAD 2022 U.W.O.

Top 10 Orals AAM Regional, DECA

LEARN PYTHON 3 COURSE, CODECADEMY

100% - Completion

Euclid Math Contest 2022 - Top 25%, University of Waterloo

Arnav Dalmia