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
University Of Waterloo — 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*