Raghav Sharma

rs435ma@gmail.com | +15875681879 | Edmonton, AB | raghav-sharma.com

EDUCATION

UNIVERSITY OF ALBERTA | BSc Computer Engineering   Edmonton, AB | Sept 2021 - Apr 2025
GPA: 3.4/4.0

PROJECTS

PERSONAL-WEBSITE | HTML, Javascript, CSS (Skeleton)   https://raghav-sharma.com
Conceptualised and implemented a rainbow animated background using only CSS. Made the webpage responsive by adding a CSS library: Skeleton.

ANALOG CLOCK | Matlab   https://github.com/rraghavssharma/Analog-Clock
Used/modified the "clock" built-in function and the plot function to create an analog style clock.

SHOPPING CART SIMULATOR | Python   https://github.com/rraghavssharma/Shopping-Simulator
Shopping Cart Simulator provides a menu in the output terminal with several options to modify what is in your virtual shopping cart.

ARVP CLUB SOFTWARE ENGINEERING TEAM MEMBER | Python
https://arvp.org/about/software-team/
Integrated new sonar sensors into the existing robot. Worked on improving image processing by increasing the number of trainable datasets to better optimize the probability the robot will stay en-route. Upgraded path following capability by more than 10%.

WORK EXPERIENCE

EDMONTON NUT AND BOLT | Warehouse Worker   Edmonton, AB | May 2022 – August 2022
- Performed quality and inventory checks with other co-workers on merchandise, reporting any inconsistencies or problems
- Maintained excellent physical ability in order to lift and push heavy materials upwards of 125lbs for 10+ hours a day
- Operated forklift to recieve and load stock while complying with safety standards

BARBECUE COUNTRY | Assembly Technician   Edmonton, AB | May 2022 – August 2022
- Assembled and tested commercial and residential Barbecues, fireplaces, and heaters in a timely manner while adhering to safety guidelines
- Correctly and safely used variety of hand tools, saws, and cutting equipment
- soldered new motherboards and sensors onto existing units that required repairs

SKIP THE DISHES | Delivery Driver (part-time)   Edmonton, AB | June 2021 – Present
- Concise and thorough communication with restaurants and customers through the App discussion board/interface

VOLUNTEERING

NEW STUDENT ORIENTATION AND WEEK OF WELCOME VOLUNTEER September 2022
Introduced and Welcomed incoming students to the campus. Organized activities and games in the first week of school to celebrate new students at the campus.

TECHNICAL SKILLS

Programming Languages	Python, Matlab, Javascript, HTML5, CSS, C/C++
Technologies	Git, Excel/Sheets
IDEs	Arduino, pycharm, VS Code, Atom