

Krishna Patel

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SKILLS

PROGRAMMING LANGUAGES	Python, Javascript, HTML, CSS, C#, C++
HARDWARE	Arduino
GRAPHIC DESIGN TOOLS	Canva, Photoshop, Figma

EXPERIENCE

WISEST UNIVERSITY OF ALBERTA | ECE RESEARCH INTERN July 2021 – August 2021

- Programmed a plasma physics calculator utilizing Python that organizes over 100 plasma formulas that can be used by researchers in the field to easily convert or calculate values under Dr. Jason Myatt.
- Gained a thorough understanding of Object Oriented Programming to allow for this program to be easily expanded and edited as research develops.
- Published a research paper outlining the procedures and methods used for the program to the Education & Research Archive (ERA).

TOTALLY TOTES, A JA COMPANY | VP OF INFORMATION TECHNOLOGY January 2021 – May 2021

- Designed a website utilizing Javascript, HTML and CSS with over 100+ weekly visitors.
- Received the Vice President IT of the Year Award for demonstrating innovation in my companies IT Strategy. (\$1000 scholarship)

UNA TERRA, A JA COMPANY | VP OF MARKETING October 2021 – June 2022

- Created over 30 social media posts with Canva and Photoshop that increased online sales by 15%.
- Received the Vice President of Marketing award for utilizing design and social media effectively to increase our brands sales, and customer engagement. (\$1500 scholarship)

MIND AWARENESS YOUTH ORGANIZATION | Co-FOUNDER March 2020 – Present

- Grew social media presence to over 2,100 followers in 9 months through designing posts that boost customer engagement and posting regularly.
- Pitched the organization at the Youth Impact Challenge and recieved a \$1000 grant to implement social media education in schools.

PROJECTS

TIME DISCARD | CHROME API, JAVASCRIPT, CSS, HTML

Programmed a chrome extension to track time students spend on "work" sites and "procrastination" sites to help increase productivity. Received third place at the Lighthouse Hackathon.

ROBOTIC ARM | ARDUINO, C++

Designed the hardware of a mechanical arm with 3 axis rotation that can be used to move around and lift items with TinkerCAD. Created the arm through learning how to use Arduino.

AWARDS

SCHULICH LEADER SCHOLARSHIP UNIVERSITY OF WATERLOO | MAY 2022

Received a \$100,000 scholarship given to students who demonstrate entrepreneurial spirit and innovation in STEM.

DR. KENMAN GAN AWARD FOR VOLUNTEER LEADERSHIP HARRY AINLAY HIGH SCHOOL | JUNE 2022

Recognized for my dedication to helping better the community through leading multiple youth initiatives.

EDUCATION

THE UNIVERSITY OF WATERLOO | B.A.Sc. IN COMPUTER ENGINEERING (Co-OP) Sep 2022 - Jun 2027