

# Vivek Jariwala

## EDUCATION

### Western University

*Bachelor of Engineering Science, Software Engineering*

London, ON

Sept. 2021 - May 2025

- Advanced Entry Opportunity to the Ivey School of Business, to begin September 2023
- Recipient of Western Scholarship of Distinction
- **Relevant Coursework:** Programming Fundamentals, Foundations Of Engineering Practice, Business Foundations
- **Technical Skills:** Java, Python, HTML, CSS, JavaScript, Git, MATLAB, OnShape, Adobe Suite, Microsoft Office

## EXPERIENCES

### Junior Software Developer

*The Buckmaster Institute — Web Hosting Company*

Vancouver, BC

May 2022 - Aug. 2022

- Constructed scalable **Python** image recognition programs for musical scores using the **OpenCV** and **Scikit-learn** libraries that increased image recognition accuracy by 86% compared to previous iterations.
- Developed Python scripts to detect musical notes and generated over 25,000 data points utilized to verify accuracy of other image recognition methods.
- Published over 15 company database entries that outlined results of image recognition programs and the test cases utilized to resolve bugs within Python scripts that helped increase efficiency by 60%.

### Business Development Intern

*Mornings With Matt — Career Consultation Service*

Toronto, ON

May 2022 - Aug. 2022

- Launched, distributed, and developed the weekly company podcast that reached over 400 viewers and increased engagement on all social media platforms by 40%.
- Directed company rebranding by identifying more relevant opportunities within the career consultancy industry and developed a new promotional strategy to align with these new motives.

### Co-Founder

*POG Networks — Networking Service*

Toronto, ON

Sept. 2020 - Jan. 2021

- Developed an operative minimum viable product to bridge the gap within Twitch streamers in hopes to foster an inclusive and collaborative environment; led to an average increase in audience size by 30%.
- Awarded Startup Closest to Product Market Fit by the BETA Camp Incubator

### Co-Founder

*MangoFx — Online Graphic Design Business*

Toronto, ON

Jun. 2020 - Jan. 2021

- Produced graphic design work for more than 50 international clients in the form of custom logos, apparel, and album artwork; received an average customer satisfaction rating of 4.8/5.0.
- Conducted a task analysis to maximize profitability, and thus shifted to third-party suppliers for the subsidiary apparel brand; reduced distribution costs by 44%.

## PROJECTS

### Northern Tornadoes Project

- Constructed a Twitter messaging bot and web scraper using **Python**, **Selenium**, and the **Tweepy** API for the Northern Tornadoes research project, which allowed researchers to automate their data collection process from Twitter.
- Project has 15 users and improved the efficiency of data collection for the Northern Tornadoes Project by 30%.

### [Vandal Apparel Company Website](#)

- Created a user-friendly website using **HTML**, **CSS**, and **JavaScript** that highlights the relevance of my apparel company and allowed for monetization of brand apparel.

## EXTRA-CURRICULAR ACTIVITIES

### First Year Engineering Representative, Undergraduate Engineering Society (UES)

Sept. 2021 - Present

- Elected to represent over 800 engineering students, acting as a liaison between students and faculty to address concerns regarding inequity, curriculum, and inclusion
- Created opportunities to help expose the engineering student body to different career paths, promote personal wellness, and encourage interrelationships