

Michael Di Santo

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TECHNICAL SKILLS 🧠

Languages: Python, C/C++, HTML, CSS, JavaScript

Developer Tools: Visual Studio Code, CAD Solidworks, Git, Zortrax Z-Suite

Soft Skills: Time Management, Critical Thinking, Problem Solving, Leadership, Entrepreneurship

PROJECTS 🏢

Pop-Off Sept. 2023 – Dec. 2023
University of Waterloo Waterloo, ON

- Designed an ergonomic jar-opening device to be used by people with Rheumatoid Arthritis
- Objective: easily open jars without experiencing pain from force exertion through the hand/wrist
- Researched and interviewed people suffering from Rheumatoid Arthritis to ensure device is user-friendly
- Led a team of 5 members, following an iterative design process to ensure success

Formula Electric - Firmware Team | *Python, Git, tkinter, canvas* Jan. 2024 – Present

- Collaborated on design & code for Driving Display Screen (HUD)
- Identified issues with & expanded on design from previous year
- Made use of tkinter & canvas libraries to create an aesthetically pleasing & functional dash
 - * Dash will update based on command line input
 - * Dash is responsive to error codes

Personal Website | *HTML, CSS, JavaScript* Jan. 2024

- Fully developed front end for personal website
- Made use of HTML5, as well as CSS & JavaScript for styling

Ethereum Price Tracker | *Python, CoinMarketCap API* Dec. 2023 – Jan. 2024

- Application pulls data from CoinMarketCap server using developer API key
- Application can:
 - * Identify user's target price increases/decreases
 - * Run for a set amount of time or indefinitely
 - * Update price as often or as infrequently as user desires

WORK EXPERIENCE 🏢

Owner May 2023 – Present
Autostrada Mobile Detailing 🚗 Richmond Hill, ON

- Built and currently operating mobile auto detailing business
- Responsible for managing clients, finding leads, social media presence/marketing, budgeting
- Cooperated with a team of detailers on fleets at Mercedes-Benz and Audi Mississauga, as well as Audi Brampton.
- 78 vehicles serviced (May - December)
- 1 in 7 canvassing leads converted

Co-Owner Aug. 2023 – Present
MM YT Automation 📺 Richmond Hill, ON

- Built and currently operating multiple faceless YouTube channels
- Responsible for channel set-up/operation, SEO optimization, freelancer management, channel promotion, content creation
- Supervised and delegated tasks to many employees; Trained 5+ international independent freelancers
- Total views: 50,000
- Total watch time: 180 hours

EDUCATION 🎓

University of Waterloo Waterloo, ON
Bachelor of Applied Science in Biomedical Engineering Sept. 2023 – April 2028

- **GPA: 3.96**
- *Relevant Courses:* Digital Computation, Communications in Biomedical Engineering

Humber College Richmond Hill, ON
Realtor License April. 2023 – Present