Yashvardhan (Yash) Mulki

Grade 12 Student and iOS Developer

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EXPERIENCE

MP Pam Damoff's Campaign, Burlington, ON — *Data Analytics & Technology Volunteer*

August 2019 - Present

- Used Google Dialogflow to develop a chatbot to ease interaction with voters & constituents
- Sourced and analyzed datasets to identify strategies to maximize canvassing efficiency

Tulip Retail, Toronto, ON — *iOS Developer Intern*

July 2019 & August 2018

- Tech startup focused on building mobile application platforms for high end retail stores
- Developed code for the checkout process and catalog module in Tulip's core product, a Swift and Objective-C iOS app that increases the efficiency of store associates in high end retail stores
- Worked on a project to build a client app for the Tulip platform and identify improvements for the platform
- Worked on a debugging project to identify and eliminate bugs in Tulip's client applications

EDUCATION

Abbey Park High School, Oakville, ON — *OSSD*

September 2016 - Present (Graduating in 2020)

- Part of the intellectually gifted/ enriched program
- Co-President of Programming Club, Co-Vice President of Debate Club, Editor in Chief of School Magazine, and President of DECA Chapter (Business Competition), President of Diplomats' Society
- Grade 9 Science award, Grade 10 Business award & honour roll
- Courses: AP Biology, AP English, Data Management, French, Physics, Law, World History & Computer Technology
- Co-Founder & President of Abbey Park Diplomats' Society
- 97% Average. Scored 1560/1600 on the SAT (99th percentile), 800/800 on the SAT Math Level II and Chemistry subject tests, 5/5 on AP Microeconomics, AP Macroeconomics, AP Calculus BC, AP -Chemistry and AP Computer Science
- Created website for the school library

APPS DEVELOPED

Votisor — *iOS Mobile Application - August 2019*

- Programmed an app to guide voters through the 2019 Federal election. App: https://apple.co/2PKQi47

SKILLS

Swift / iOS Development, intermediate Objective - C
Java
Dart / Flutter Development

MAJOR ACHIEVEMENTS

WWDC Scholarship - Awarded scholarships to attend Apple's annual Worldwide Developers Conference three years in a row based on submitted apps written in Swift (June 2017, 2018 and 2019). Media coverage in 2017 (https://bit.ly/2ZQISkp) and 2018 (https://bit.ly/2Y3vGXO).

DECA ICDC - Secured third place overall internationally in the Entrepreneurship Series (ENT) event at the DECA International Career Development Conference in Orlando, FL (April 2019)

SHAD Waterloo - Accepted into the SHAD program for high achieving high school students at the University of Waterloo (July 2018)

CERTIFICATIONS

Machine Learning (Stanford University via Coursera). Learnt the theoretical basics of Machine Learning using Matlab. Certificate:
https://bit.ly/2XYSBDu

Machine Learning: A Case Study Approach (University of Washington via Coursera). Learnt how to apply Machine Learning techniques using Turi Create Certificate:
https://bit.ly/2DMitL4

TestPlanner — *iOS Mobile Application - January 2019*

- Programmed an app that helps busy high school students organize standardized test preparation. App: https://apple.co/2PKQi47

Canada Votes — *Cross Platform Mobile Application (Programmed in Flutter) — April 2018*

- Programmed an app that informs voters about upcoming elections and local candidates to encourage people to vote. Covered by local newspaper:https://bit.ly/2KMDtag. iOS:https://apple.co/2GYxTho Android: https://bit.ly/2PHYNwR

Scoretrak — *iOS Mobile Application — December 2016*

- Programmed an app that lets users track scores of games they play with friends or family.

COMMUNITY INVOLVEMENT

Oakville-North Burlington Youth Council — *2018-2019*

- Member of Federal MP Pam Damoff's youth council, a forum to involve youth in politics

Safetynet Children and Youth Charities — *2019-Present*

- Volunteer math and english tutor for disadvantaged children

Royal Conservatory of Music - Level 5 Classical Guitar Certification

Royal Lifesaving Society - Completed the Bronze Medallion lifesaving course offered by the Royal Lifesaving Society

OTHER AWARDS & EXPERIENCE

Halton Debate - 3rd place Top Speaker award at a Halton regional debate tournament

DECA Provincials (2018) - Top 10 roleplay, top 10 exam at the provincial level

Abbey Park Hackathon - Led a team to organize and run a hackathon at Abbey Park to introduce students to computer science & related fields