Mark Danishevsky

Competitive Programmer

Mark Danishevsky, high school student
Toronto, Canada

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⊙ **MarkDanishevsky**

About

I am a grade 10 student at William Lyon Mackenzie CI, and I am part of the MaCS program, a program specializing in mathematics and computer science. I am interested in competitive programming, web-development and hardware projects. In my free time I like to ski, swim and bike, and in the summer I love camping. I am passionate about aviation. I speak English, French and Russian.

Skills

Competitive programing: Python, Java, analysis and implementation of algorithms

Web development: Flask and Bootstrap, HTML and CSS

Data science: Plotly and Pandas

3D design: Fusion 360

Hardware: Raspberry Pi, ESP32

Projects

Game Cube / GDSC Hacks
April 2024, University of Guelph

Game Cube is a minimalistic and portable gaming device which can play connect 4, and other simple games, built with the goal of reducing the amount of manufacturing of limited use board games. I designed the shell in Fusion 360, and my partner 3D printed it. The Game Cube was my first ever hackathon hardware project, built on the Raspberry Pi.

Clear Skies / MapHacks 2
Mar – Apr 2023, Toronto

Clear Skies is a website made for pilots to facilitate the go-no-go decision when flying. The project was awarded the best use of NLP [natural language processing] with Cohere. This project bridged my passion for computers with my passion for aviation.

NASA Gallery / SpaceAthon
Mar 2023, Toronto

NASA Gallery takes images from the NASA APOD (Astronomical Picture of the Day) API, and displays them in a

comprehensive website.

Comment apprendre? / La foire des sciences d'Étienne Brûlé

May - June 2023, École Secondaire Étienne Brûlé

This was my submission for the Étienne Brûlé science fair. I analyzed what happens when a teaching style matches the students preferred learning style.

Awards

Code Quest / Lockheed Martin

February 2025, Fort Worth, Texas

My team and I won first place in the novice category in the Code Quest Programming competition, organized by Lockheed Martin.

CCC / University of Waterloo

February 2024, Toronto

I got a perfect score on the CCC (Canadian Computing Competition) Junior (75/75). The CCC is a competitive programming contest made and organized by the University of Waterloo.

DECA Provincials Top 20 / DECA

February 2024, Toronto

My partner and I got top 20 in the Ontario DECA competition for our event, FTDM (Financial Services Team Decision Making). DECA is a high school business case competition.

EB Science Fair 2022 / École Secondaire Étienne Brûlé

June 2022, Toronto

I won first place in the EB Science Fair of 2022. My project was on the effectiveness of masks at varying distances.

Education

William Lyon Mackenzie CI / MaCS

2023 - 2027

I am a MaCS student at William Lyon Mackenzie. MaCS is a TDSB specialized program for students interested in mathematics and computer science. I hold an executive position at MCPT club (competitive programming) and I am a part of my school's DECA team.