

# BORNA SADEGHI



[bornasadeghi.ml](https://bornasadeghi.ml)



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## EDUCATION

### White Oaks Secondary School

Sep 2016 - Jun 2020

Recognized academically for excellence in Physics, Robotics, Computing, and Mathematics.

## RELATED SKILLS

### Problem Solving

Quick learner, logical thinker and decision maker, constantly ambitious to formulate solutions.

### Collaboration and Teamwork

Displays effective cooperation skills through many extracurricular group projects, competitions, hackathons.

### Organization

Makes effective use of resources to efficiently achieve short and long-term goals.

### Tools/Technologies

Git, Flask, Node.js, Flutter, Keras, ASP.NET, PostgreSQL, MongoDB, Arduino, Unity

### Language Proficiency

Python, Javascript, HTML, CSS, Java, C#, C++

## EXPERIENCE

### Backend Web Developer

Aug 2019 - Present

Tech Under Twenty

I wrote, debugged, documented, and tested C# modules with the ASP.NET framework for an upcoming web app. I handled user authentication, PostgreSQL databases, and created a "developer mode" to simplify the testing process for others.

### Chapter Leader

Jun 2019 - Jun 2020

Tech Under Twenty

I organized and marketed weekly meetings for my school's TU20 Chapter, composing workshops and opportunities related to industry skills (e.g. machine learning, resumes, elevator pitches, etc.) for a group of ~15 talented and inspired students.

### Chess Club President

May 2019 - Jun 2020

White Oaks Secondary School

I organized fundraisers, marketing initiatives, and tournaments with other clubs. I also programmed spreadsheet software that kept track of player statistics. I pursued personal passion for chess while simultaneously establishing a strong leadership role.

### Assistant Coach

Feb 2018 - Sep 2018

Oakville Soccer Club

I assisted in the organization, execution, supervision, setup and cleanup of various camps held at the soccer club. I also had a great time composing and delivering soccer-related activities to a group of youth aged 5-12.

## PROJECTS

### Trachio

A Flask web app that detects various lung disorders from lung noises using the Google AutoML API.

### Makespeare

A Python program that utilizes a Keras recurrent neural network to generate Shakespearean-style text at the click of a button.

### Many more projects on my website

I developed a website with HTML and CSS that displays some of my many other projects. Check it out at [bornasadeghi.ml](https://bornasadeghi.ml).