

BORNA SADEGHI



[bornasadeghi.github.io](https://github.com/bornasadeghi)



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EDUCATION

White Oaks Secondary School

Sep 2016 - Jun 2020

Recognized academically for excellence in Physics, Robotics, and Computer Engineering.

RELATED SKILLS

Problem Solving

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

Collaboration and Teamwork

Displayed 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, Flutter, ASP.NET, OpenCV, Pygame, Tkinter, Arduino, NumPy

Language Proficiency

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

EXPERIENCE

Backend Web Developer

Aug 2019 - Present

Tech Under Twenty

I created unit tests, debugged, and documented C# and Python programs for Tech Under Twenty's upcoming web app, "Passport". My work was mainly related to handling user accounts, working with databases, login, and authentication.

Chapter Leader

Jun 2019 - Jun 2020

Tech Under Twenty

I organized weekly meetings for the TU20 Chapter at White Oaks, where me and my colleagues delivered workshops and opportunities related to business/technological concepts 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 organized fundraisers, marketing initiatives, and tournaments with other clubs. I also developed software that kept track of player stats. Simultaneously, I pursued personal passion for chess by establishing a strong leadership role.

PROJECTS

Spooki Chess Engine

A chess engine built from scratch in Java. Utilizes the classic minimax algorithm with the alpha-beta pruning optimization.

Makespeare

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

Many more projects on my website

I created a website with HTML and CSS that displays my many other projects. Check it out at bornasadeghi.github.io.