

BORNA SADEGHI



bornasadeghi.github.io



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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, Flutter, Keras, ASP.NET, Arduino, Unity, PostgreSQL, Visual Studio

Language Proficiency

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

EXPERIENCE

Backend Web Developer

Aug 2019 - Present

Tech Under Twenty

I wrote, debugged, documented and unit tested C# and Python modules for an upcoming web app called "TU20 Passport". 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

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