

Hrithik Shah

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EDUCATION

University of Ottawa

BASc in Software
Engineering (COOP)
Sept. 2018 – Present

Turner Fenton S.S.

IB Diploma
June 2018

COURSEWORK

MATH

Discrete Mathematics
Linear Algebra
Graph Theory
Calculus I & II

COMPUTER SCIENCE

Object-Oriented Programming
Data Structures

SKILLS

PROGRAMMING

Over 5000 lines:
Java • SQL Server • Python
Familiar:
C# • JavaScript • HTML •
CSS

BUSINESS

Fundraising • Pitching

AWARDS

2nd Place - Startup Pitch
Competition SEG uOttawa
(2018)

Tennis Team - Most Valuable
Player (2018)

Waterloo Fryer Math Contest
Top 25% (2015)

HOBBIES

Piano

Photography

Strategy Board Games

Tennis

WORK EXPERIENCE

ASTRAL TECH | Software Developer Intern

July 2018 – Aug 2018 | Mississauga, ON

- Created a store procedure that pivots horizontal data tables into vertical tables using dynamic SQL
- Created an algorithm that allocates client costs into a table to easily assess profits and losses
- Reduced data analysis times from 20 hours to 20 minutes

SMILEWORKS ORTHODONTICS | Equipment Technician

July 2015 – Aug 2015 | Brampton, ON

- Used state-of-the-art equipment to scan over 100 3-D tooth models and x-rays which aided the orthodontist in projecting dental plans for patients
- Learnt various orthodontic techniques and dental practises such as Invisalign used for treating the mouth

EXTRA-CURRICULAR

TURNERHACKS | Head of Sponsorship

Nov 2017 – June 2018 | Turner Fenton S.S.

- Brought in 10+ tech companies as corporate sponsors for the event which helped fund costs for food, workshops and participants' fee
- Raised over \$5000 USD in product sponsorships and over \$1000 CAD in monetary sponsorships
- Worked with Major League Hacking (MLH) to ensure a successful hackathon

SHAD | John Dobson Entrepreneurship Cup Team GreenThreads

July 2017 – Aug 2017 | University of New Brunswick

- Presented an Elevator Pitch to a panel of investors
- Created an alpha version app using Proto.io, that helps consumer see the carbon emissions created for an article of clothing
- Partnered with new start-ups to promote local businesses and eco-friendly products

SIDE PROJECTS

INVASION OF THE SHADOWS | Unity, C#, JavaScript

Nov 2014 – Aug 2015

- An RPG game made to help students learn about ancient civilizations
<https://goo.gl/cMYjaL>

YUGIOH CARD GAME | Java

December 2015 – Jan 2016

- Using Object-Oriented principles developed a modified version of the Yugioh Card Game <https://goo.gl/M5jMPa>

BUILDING A SEARCH ENGINE | Python

June 2018 – Present

- Creating a crawler, index and a page rank algorithm to develop a prototype search engine