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 • SEO Optimization

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 flexibly allocates client costs into an organized table for data analysis
- 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
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
Dec 2015 – Jan 2016
- Using Object-Oriented principles developed a modified version of the Yugioh Card Game https://goo.gl/M5jMPa

SEARCH ENGINE | Python
Nov 2018 – Dec 2018
- Created a web crawler that utilizes Depth-First Search, an index and a page rank algorithm to develop a prototype search engine