Hrithik Shah

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EDUCATION

University of Ottawa
BASc in Software Engineering (CO-OP)
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 • SEO

AWARDS

2nd Place - Startup Pitch Competition uOttawa (2018)

Tennis Team - MVP (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
- Reduced data analysis times from 20 hours to 20 minutes by:
  - creating store procedures to pivots data tables using Dynamic SQL
  - developing an algorithm to consolidate client costs into a structured table required for automated expenditure calculations

SMILEWORKS ORTHODONTICS | Equipment Technician
July 2015 – Aug 2015
- Used state-of-the-art equipment to scan 100+ 3D tooth models and x-rays to aid orthodontists 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
- Brought in over 10 tech. companies as corporate sponsors for the event in order to fund costs for food, workshops and participants' fee
- Raised over $5000 in product sponsorships and over $1000 in monetary sponsorships
- Collaborated with Major League Hacking (MLH) to ensure a successful hackathon

SHAD | John Dobson Entrepreneurship Cup
July 2017 – Aug 2017
- Created an alpha version app using Proto.io that helps consumers to see the carbon emissions created by an article of clothing
- Partnered with new start-ups to promote eco-friendly products
- Presented an elevator pitch to a panel of investors

SIDE PROJECTS

INVASION OF THE SHADOWS | Unity, C#, JavaScript
Nov 2014 – Aug 2015
- An RPG game designed 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 prototype version of the Yugioh Card Game https://goo.gl/M5jMPa

SEARCH ENGINE | Python
Nov 2018 – Dec 2018
- Developed a web crawler that utilizes Depth-First Search, an index, and a page rank algorithm to build a rudimentary search engine
  https://goo.gl/ktdSfv