AnshayGhosh

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about

+1-416-837-0477
107 Huron Street,
Toronto, ON

languages

bilingual english/hindi

programming

Java, Python, C#,
Assembly Language,
Kernel, XML, HTML,
MatLab, CSS,
JavaScript, SQL,
Oracle DB, Racket,
Haskell, R
Well versed with UNIX
systems.
Subversion and
GitHub for version
control in projects.
Machine Learning
Concepts.

education

since 2014	**B.Sc.** University of Toronto	CGPA: 3.23

Specialist in *Computer Science* with focus on *Artificial Intelligence*
Minors in Mathematics & Statistics
Relevant Courses: Machine Learning, AI, Software Engineering,
DataStructures, Databases, System Programming, Neural Nets

2012–2014	**IB Diploma Program**	36/45 IB points

Dhirubhai Ambani International School, Mumbai, India

experience

05–08 2017	**Royal Bank of Canada**	Business Systems Analyst (Automation Dev)

Was assigned a solo project to create a Portal that automated various tasks
across several platforms of RBC using ASP.NET C#. Was given the responsibility of a full stack web developer and engineering the automations.

07–08 2016	**Oracle Financial Services**	Software Developer Intern

Cloud integration of GTAP software for State Street Investment bank
Used Oracle DB, HTML, CSS, Java and JavaScript to work on an MVC framework with struts 2.0 and MyBatis libraries

06–07 2013	**AllCargo Logistics**	Software Developer Intern

Alongside a Price Waterhouse Cooper team of 6 using Microsoft Dynamics
Created of a Customer Relationship Management system that is currently
being implemented by 4000 employees over 89 countries.

projects

02-2017	**Tweet Sentiment Analysis**	Natural Language Processing Project

Used python regex and numpy along with WEKA libraries to create a neural
net that classified every tweet to a positivity count with a 69% accuracy.

01-2016	**MoodReel Android Application**	Hackthe6ix Hackathon

Android Studio which implemented Java and XML programs
Used facial recognition to calculate the current mood of the user and cross
reference that with corresponding movie genres.

12-2015	**E-Krishi Desktop App: Placed 3rd out of 40 teams**	Hack4India Hackathon

For Microsoft's countrywide Hack4India with python geo-analytical API's,
used an agricultural simulation to teach logical reasoning in CS. Available
on my github.

10-2016	**Sokoban Solver**	Intelligence Project

Python implementation of the Sokoban puzzle in text based form
Created a variety of heuristic functions to efficiently parse through the states
and solve puzzles with increasing complexities with an 8 second timebound

12-2016	**Connect 4 Intelligence [Unbeatable by Human Subjects]**	Intelligence project

Successful in creating an connect 4 Intelligence using Python's numpy and
the game tree search algorithm.