ATHARVA SEHGAL

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EDUCATION

University of Illinois, Urbana Champaign   August 2017 - Present
Undeclared Engineering
Technical GPA: 4.00
Overall GPA: 3.92
James Scholar

Modern School Barakhamba Road, New Delhi   April 2010 - March 2017
Class XII CBSE Board
Cumulative GPA: 370/400   March 2017
Principal's Award for Excellence in Computer Science   July 2016

EXPERIENCE

Snapdeal.com   June 2016 - July 2016
Intern Data Analyst   *Gurgaon, India*
· Optimized real time data using R to make it more uniform when fed into analysis software.
· Used Tableau and R to analyze clean data sets and predict potential sectors of growth based on buying patterns and monthly household income of sector.
· Only High School student ever to be selected for the program.

LAVA International Ltd.   June 2015 - July 2015
Intern Software Developer   *Bangalore, India*
· Worked with Software Engineers to develop system applications for mobile handsets marketed by Lava.

CO-CURRICULAR INTERESTS

VisionSonic - HackIllinois, 2018   Febuary, 2018 - Present
https://devpost.com/software/vision-sonic
· Utilized the Nvidia Jetson TX2 and Intel RealSense R200 RGBD Camera to do embedded real-time visual information processing and applied a deep learning model on it to detect common objects.
· In charge of debugging the code and writing the test cases to demonstrate proper functionality of algorithms used.

Information Retrieval   November 2017 - Present
https://github.com/SIG-IR/a-mean-cookie
· A Mean Cookie: Used the Beautiful Soup library in Python to scrape online recipe cookbooks for recipes of chocolate chip cookies and analyzed the raw information to make a recipe for the most 'average' cookie.

AlarmPal   November 2015 - July 2016
https://github.com/atharvas/alarmapp2
· Conceptualized, designed and published an Android application that remotely activates an alarm using text messages taking into account different time zones.

Astronomy   April 2014 - Present
· Member of The UIUC Astronomy Society
· President of schools Astronomy Club
· Made a preliminary discovery of Main Belt Asteroid (QSB4572) in the AIASC, 2014
· Formally undertook education in Astro-photography to augment interest in this field

TECHNICAL STRENGTHS

Computer Languages	C++, R, Java, Python
Tools	Tableau, Android Studio, Vim, Git, SVN, LaTeX