Archit Checker

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EDUCATION

ASHOKA UNIVERSITY
Computer Science &
Entrepreneurship
Expected May 2020 | NCR, India
Cum. GPA: 3.87/4.0
Major GPA: 3.94/4.0

CITY MONTESSORI SCHOOL
Grad. May 2017 | Lucknow, India
Grade 12: 90%
Grade 10: 96.2%

LINKS

Github:// **checker5965**
LinkedIn:// **architc**

COURSEWORK

UNDERGRADUATE
Introduction to Programming
Discrete Mathematics
Advanced Programming
Probability and Statistics
Computer Organization Systems
Data Driven Journalism[#]

MOOCS
CS50x: HarvardX (View Certificate)
Introduction to Data Analysis: Microsoft
Kaggle Learn (Machine Learning | Deep Learning)

SKILLS

PROGRAMMING
Over 3000 lines:
Java • C
Over 1000 lines:
JavaScript • Python • Assembly

TOOLS
Flask • jQuery • SQLite • git
LaTeX • CSS • HTML

DATA ANALYSIS
Python • R • Excel
Pandas • SQL • Tableau

EXPERIENCE

TRIVEDI CENTRE FOR POLITICAL DATA | Full Stack Intern
Dec 2018 – Jan 2019 | Sonipat NCR, India
- Worked on improving the clustering algorithm and adding features to SURF - an entity mapping and resolution system for Indian Names.

IIT KANPUR | Summer School 2018
May 2018 – June 2018 | Kanpur, India
- Completed a short term course in Information Retrieval and Data Mining.
- Top scorer in Information Retrieval with 100% marks. Overall 80%.

PROJECTS

ClassifierC | Machine Learning in C
Sep 2018 – Nov 2018

Wrote a Naive Bayes Classifier in C from scratch. Also assisted teammates with a KNN Classifier and a Simple Regressor in C. We later used these classifiers on various popular datasets and attained typical accuracies.

LIBRARY DATA ANALYSIS | Data Analysis and Consulting
Sep 2018 – Nov 2018

As part of the consulting club on campus, I analyzed the library data using R. I was responsible for cleaning the data, figuring out the utilization rates across departments and coming up with a method to understand the net effect on library.

BIMODAL BRANCH PREDICTOR | CS103 Project
Sep 2018 – Nov 2018

Wrote a 2-bit saturating counter Branch Prediction Simulator in Python. A branch predictor helps avoid wasted cycles while branching in a pipelined processor.

RUHI WEB PLATFORM | Web Application Development
Dec 2017 – Jan 2018

Created a Web Portal based on Flask and Python that allots a student to a tutor automatically and allows feedback and report submissions. Consequently eliminated all manual work.

AWARDS

Year	Award	Event
2018	Winner	First Prize	Chaitanya (Leadership Event)	IIM Indore
2018	Dean's List	Monsoon 17 and Spring 18	Ashoka University
2017	Finalist	Digital Masala Challenge Hackathon| Facebook
2017	Finalist	Captain	IndoreHacks 17'	IIM Indore
2017	Special Mention	Startup Weekend	Ashoka University
2014	Silver Medallist	District Roller Skating Championship
2011	Bronze Medallist	Wizards at Mathematics International Competition

POSITIONS OF RESPONSIBILTY

Year	Position	Organization
2018	Consulting Team	Ashoka Business, Investments, and Consulting Society
2017	President	R3SPAWN - The Video Gaming Society
2017	Campus Job	Work Study with Finance Department, Ashoka University
2017	Cabinet Member	Student Government	Finance Ministry

[#]Audit