

# Archit Checker

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## EDUCATION

### ASHOKA UNIVERSITY

COMPUTER SCIENCE &

ENTREPRENEURSHIP

Expected May 2020 | NCR, India

Cum. GPA: 3.86/4.0

Major GPA: 4.0/4.0

### 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<sup>#</sup>

### 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

### 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%.

### TRIVEDI CENTRE FOR POLITICAL DATA | DATA ANALYST INTERN

Dec 2018 – Jan 2019 | Sonipat NCR, India

- Worked on adding features to SURF - an entity mapping and resolution system for Indian Names.

## 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

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 RESPONSIBILITY

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