

Suyash Patel
MALE, 19 YEARS
B.E.(Hons.) Computer Science (2015-2019)
CGPA: 7.651



EDUCATION

AISSCE (Class XII)	2015	Kendriya Vidyalaya, Ambarnath	95%
AISCE (Class X)	2013	Kendriya Vidyalaya, Ambarnath	95%

Electives: Cryptography(ongoing), Information Retrieval(ongoing)

INTERSHIPS

Summer Intern, **Delta Step Learning**, Kolkata

May 2017-July 2017

Delta Step Learning – An e-education startup

- Was involved in the Android app development process as a developer
 - Developing the app involved making use of OkHttp(external Android Http client) for calling the API, displaying data in a ListView, parsing JSON data, making use of Intents etc.
- Developed algorithms for tasks like checking spellings, checking factorization etc.
 - The product could provide a better user experience

Professional Recognition

- Received a letter of appreciation from the Managing Director of the company.

ACADEMIC PROJECTS

- Project 1: Designed a batch weighing machine around the 8086 microprocessor. The system measured the average weight of 3 objects and displayed it on a seven-segment display. If the average weight happened to be beyond a threshold, an alarm went off. Wrote the assembly level program along with a team member. Learned to interface input and output devices to a processor.
- Project 2: Wrote a critique on the paper "Data Structures for Range Minimum Queries in Multidimensional Arrays" as a part of the Data Structures and Algorithms course.
- Project 3(Ongoing) : Working on a paper that involves extensive study of Elliptic Curve Cryptography.

ACADEMIC ACHIEVEMENTS AND AWARDS

- Scored 415/450 in BITSAT 2015 and was in the top 20 candidates all over India.
- Was awarded the Major S.Chakraborty prize for academic and non-academic achievements by Kendriya Vidyalaya, Ambarnath in 2015.

POSITIONS OF RESPONSIBILITY

- As **Member** of Sports Financial Committee for **BOSM 2016**- all India inter-collegiate sports festival of BITS
 - Overlooked the financial transactions that occurred in view of BOSM 2016.
 - BOSM 2016 completed successfully without any major hiccups.
- As **Member** of the Department of Photography
 - Managed a workforce of 15 people to collect substantial revenue for all three fests in the academic year 2016-17

EXTRA-CURRICULAR ACTIVITIES

- An amateur chess player who has participated in numerous chess tournaments.
- Like listening to ghazals

OTHER PROJECTS

- Developed a weather command line application in Node.js. It displays weather details for multiple cities from the comfort of a terminal. Learned to work with REST APIs.
- Developed a complete blogging platform with authentication and authorization using Node.js, Express framework and MongoDB. Emphasis was on developing the backend.
- Developed a basic "Did You Know?" Android application to get started with Android application development. It had one activity and one layout file and on a click of a button it displayed a fact.
- Implemented the "Snake" game in Java to get comfortable with making graphical user interfaces and object oriented programming. Also implemented a desktop widget that would direct a user to a social networking site, to learn how to use external libraries.

Code for all the above projects can be found at <https://github.com/suyashpatel98>.