AKSHAYA MOHAN

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EDUCATION

SSN College of Engineering *July 2018 - Present*
Bachelor of Engineering in Computer Science and Engineering GPA: 9.17/10

Padma Seshadri Bala Bhavan Sr. Secondary School *2003-2018*
AISSCE Percentage: 95.6%

TECHNICAL SKILLS

Languages	C/C++, Python, Java, Octave
Software, Libraries & Other Tools	Pandas, Tableau, SQL, Gretl, OpenCV, git, LaTeX

WORK EXPERIENCE

Admatic Solutions Oct - Dec 2019
Winter Intern - Developer

· Developed animated teaching modules to explain and visualise computer science concepts and data structures using PyGame; incorporated handwriting recognition modules to create an interactive experience

COURSEWORK & CERTIFICATIONS

Machine Learning *Stanford University, Coursera*
Regression, Classification, Neural Networks, SVMs, Dimensionality Reduction

Introduction to Data Science in Python *University of Michigan, Coursera*
Cleaning, analysing and interpreting data using Pandas

Data Science: A to Z *SuperDataScience, Udemy*
Data Visualisation, Modelling, Preparation and Communication

Relevant Undergraduate Courses

- Data Structures
- Object Oriented Programming
- Discrete Mathematics
- Design & Analysis of Algorithms
- Computer Architecture
- Probability & Statistics

PROJECTS

Club Management System *Java, SQL*
Built a database application for the information, announcements and events of a college club, to be used by club heads and members

Reduction of Boolean Functions using the Quine-McCluskey Algorithm *C++*
Built an application to minimize and maximize boolean functions using the Quine-McCluskey Algorithm

Slowing Down and Speeding Up Time *Research Project at IIT Madras @ RSIC*
Used high-speed and low-speed imaging as a tool to analyze various fluid phenomena, and their practical applications

ACTIVITIES

- Won Lateral Thinking, Mathematics and Programming Contests conducted by the Computer Society of India, SSN Student Chapter
- Won Puzzle and Logic events at college-level cultural events
- Member of the College Coding Club
- Participated in the Research Science Initiative, Chennai at IIT Madras

EXTRA CURRICULARS

- School Pupil Leader, organised events such as national-level culturals, projects, etc.
- Winner of the National Bal Shree Award for Short Story Writing
- Keen debater and MUN-er, with prizes won at state and national level debates, and chaired school-level MUNs
- Member of the College Quiz Club 'Q!'; avid quizzer, won numerous city and state-level quizzes