

AKSHAYA MOHAN

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EDUCATION

SSN College of Engineering

Bachelor of Engineering in Computer Science and Engineering

July 2018 - Present

GPA: 9.17/10

Padma Seshadri Bala Bhavan Sr. Secondary School

AISSECE

2003-2018

Percentage: 95.6%

TECHNICAL SKILLS

Languages

C/C++, Python, Java, Octave, R

Software & Other Tools

Tableau, SQL, Gretl, OpenCV, git, LaTeX

WORK EXPERIENCE

Admatic Solutions

Winter Intern - Developer

Oct - Dec 2019

- 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

Machine Learning

Regression, Classification, Neural Networks, SVMs, Dimensionality Reduction

Stanford University, Coursera

Data Science: A to Z

Data Visualisation, Modelling, Preparation and Communication

SuperDataScience, Udemy

Relevant Undergraduate Courses

- Data Structures
- Design & Analysis of Algorithms
- Objected Oriented Programming
- Digital Principles & System Design
- Operating Systems
- Computer Organisation & Architecture
- Discrete Mathematics
- 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

- Attended workshops on ML by Google and Embedded Software Development
- Won Lateral Thinking, Mathematics and Programming Contests conducted by the Computer Society

- of India, SSN Student Chapter
- Member of the College Coding Club
- Participated in the Research Science Initiative, Chennai at IIT Madras

EXTRA CURRICULARS

- Winner of the National Bal Shree Award for Short Story Writing
- Keen debater, with prizes won at state and national

- level debates
- Member of the College Quiz Club 'Q!'; avid quizzer, won numerous city and state-level quizzes