

AKSHAYA MOHAN

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EDUCATION

SSN College of Engineering	<i>July 2018 - Present</i>
Bachelor of Engineering in Computer Science and Engineering	GPA: 9.17/10
Padma Seshadri Bala Bhavan Sr. Secondary School	<i>2003-2018</i>
AISSECE	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	<i>Oct - Dec 2019</i>
<i>Winter Intern - Developer</i>	

- 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	<i>Stanford University, Coursera</i>
Regression, Classification, Neural Networks, SVMs, Dimensionality Reduction	

Data Science: A to Z	<i>SuperDataScience, Udemy</i>
Data Visualisation, Modelling, Preparation and Communication	

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	<i>Java, SQL</i>
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	<i>C++</i>
Built an application to minimize and maximize boolean functions using the Quine-McCluskey Algorithm	

Slowing Down and Speeding Up Time	<i>Research Project at IIT Madras @ RSIC</i>
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