

AKSHAYA MOHAN

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EDUCATION

SSN College of Engineering	<i>July 2018 - Present</i>
Bachelor of Engineering in Computer Science and Engineering	CGPA (upto 3rd Semester): 9.17/10
<i>Selected Coursework:</i> Data Structures, Design & Analysis of Algorithms, Computer Architecture, Object Oriented Programming, Discrete Mathematics, Probability & Statistics	
Padma Seshadri Bala Bhavan Sr. Secondary School	<i>2003-2018</i>
AISSCE	Percentage: 95.6%

TECHNICAL SKILLS

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

WORK EXPERIENCE

Admatic Solutions	Oct - Dec 2019
<i>Winter Intern - Developer</i>	
<ul style="list-style-type: none">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<i>Language & Libraries:</i> Python: Pygame, NetworkX, OpenCV	

COURSEWORK & CERTIFICATIONS

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	
Introduction to Data Science in Python	<i>University of Michigan, Coursera</i>
Cleaning, analysing and interpreting data using Pandas	
Business Analytics Specialization	Ongoing, <i>Wharton Business School Online, Coursera</i>
Introductions to Customer, Operations, People and Accounting Analytics	

PROJECTS

Club Management System	<i>Java, SQL</i>
Built a database application to manage information, announcements and events of a college club	
Slowing Down and Speeding Up Time	<i>Research Project at IIT Madras</i>
Used high-speed and low-speed imaging to analyze various fluid phenomena and their practical applications	
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	

ACTIVITIES

Leadership & Organisational Positions	
<ul style="list-style-type: none"><i>School Pupil Leader:</i> organised events including national-level cultural fest, inter-school projects, etc.<i>Chairperson and Organising Committee Member,</i> Teen Think Tank 2017, an inter-school forum to discuss national and local issues<i>Chairperson and Executive Board Member,</i> PSBBMUN 2017, 2018<i>Active Organising Member</i> of the College Quiz Club Q!	
Volunteer Work	
Member, Youth Red Cross, SSN Chapter	<i>July 2018 - Present</i>
President, Interact Club, PSBB NGM Chapter	<i>2016 - 2017</i>
Extra Curricular Activities and Achievements	
<ul style="list-style-type: none">Winner, National Bal Shree Award for Short Story Writing, from the Government of IndiaCompleted the Open-Access Strategy Consulting Virtual Experience Program by BCGCompleted the Software Engineering Virtual Experience by JP Morgan Chase & Co.Participated in the Research Science Initiative 2017 at IIT Madras, a research camp for high school studentsKeen Debater and MUN-er, with prizes won at national and state-level debatesAvid Quizzer, won prizes at state and city-level quizzesWon college-level Lateral Thinking, Puzzle and Logic eventsMember of the College Coding Club and English Literary Club	