

AKSHAYA MOHAN

akshayamohan2000@gmail.com ◊ LinkedIn ◊ GitHub

EDUCATION

SSN College of Engineering Bachelor of Engineering in Computer Science and Engineering <i>Selected Coursework:</i> Data Structures, Design & Analysis of Algorithms, Computer Architecture, Object Oriented Programming, Discrete Mathematics, Probability & Statistics	<i>July 2018 - Present</i> CGPA (upto 3rd Semester): 9.17/10
Padma Seshadri Bala Bhavan Sr. Secondary School AISSCE	<i>2003-2018</i> 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 <i>Winter Intern - Developer</i>	<i>Oct - Dec 2019</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	
· <i>Language & Libraries:</i> Python: Pygame, NetworkX, OpenCV	

COURSEWORK & CERTIFICATIONS

Machine Learning Regression, Classification, Neural Networks, SVMs, Dimensionality Reduction	<i>Stanford University, Coursera</i>
Data Science: A to Z Data Visualisation, Modelling, Preparation and Communication	<i>SuperDataScience, Udemy</i>
Introduction to Data Science in Python Cleaning, analysing and interpreting data using Pandas	<i>University of Michigan, Coursera</i>
Business Analytics Specialization Introductions to Customer, Operations, People and Accounting Analytics	Ongoing, <i>Wharton Business School Online, Coursera</i>

PROJECTS

Club Management System Built a database application to manage information, announcements and events of a college club	<i>Java, SQL</i>
Slowing Down and Speeding Up Time Used high-speed and low-speed imaging to analyze various fluid phenomena and their practical applications	<i>Research Project at IIT Madras</i>
Reduction of Boolean Functions using the Quine-McCluskey Algorithm Built an application to minimize and maximize Boolean functions using the Quine-McCluskey Algorithm	<i>C++</i>

ACTIVITIES

Leadership & Organisational Positions

· <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

· Winner, National Bal Shree Award for Short Story Writing, from the Government of India	
· Completed the Open-Access Strategy Consulting Virtual Experience Program by BCG	
· Completed 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 students	
· Keen Debater and MUN-er, with prizes won at national and state-level debates	
· Avid Quizzer, won prizes at state and city-level quizzes	
· Won college-level Lateral Thinking, Puzzle and Logic events	
· Member of the College Coding Club and English Literary Club	