

## EDUCATION

IIT KHARAGPUR	<ul style="list-style-type: none"><li>• <b>M.Sc Mathematics and Computing, 2013 - 2018</b></li><li>• Cumulative Grade Point (CGPA): 6.89 / 10.0</li></ul>
CISCE	<ul style="list-style-type: none"><li>• <b>Higher Secondary Education</b></li><li>• Rajasthan Board</li><li>• Aggregate: 85.6%</li><li>• <b>Secondary Education</b></li><li>• Indian Certificate of Secondary Education (ICSE)</li><li>• Aggregate: 90.2%</li></ul>

## WORK EXPERIENCE

Google Summer of Code	Software Developer	May 2016 - Aug 2016
<ul style="list-style-type: none"><li>• Worked with <b>BLAST algorithm</b> results to develop visualisation methods for <b>SequenceServer</b>.</li><li>• Visualisations were build using <b>Circos Plots concept</b>.</li><li>• Technologies used: <b>Ruby, ReactJs</b> and <b>d3Js</b>.</li><li>• Mentors: (1) Prof. Yannick Wurm, QMUL (2) Anurag Priyam, PhD student, QMUL</li></ul>		
Intugine Technologies	Web Developer	Dec 2015 - Feb 2016
<ul style="list-style-type: none"><li>• Worked on <b>Search Engine Optimisation (SEO)</b> for helping out content team in publishing content.</li><li>• Developed <b>in-house reporting dashboard</b>.</li><li>• Developed Wordpress <b>Plugins in PHP</b> to facilitate blog post analysis.</li></ul>		
Students' Alumni Cell, IIT Kharagpur	Web Team Head	Jul 2015 - April 2016
<ul style="list-style-type: none"><li>• Build Internal ERP, using <b>Ruby on Rails</b>, for managing networking and accommodation for 236 guests.</li><li>• Developed algorithm for allotment of 72 mentors to 320 students for <b>Student Alumni Mentorship Programme</b>.</li><li>• Developed a portal to facilitate data uploads (images and articles) for the <b>Annual Yearbook publication</b>.</li></ul>		
Prepvocab	Web Developer	Dec 2014 - Jul 2015
<ul style="list-style-type: none"><li>• Developed a <b>vocabulary learning</b> website with interactive data visualisation using <b>d3js</b>.</li><li>• Successfully implemented <b>Space Repetition Learning Technique</b>.</li><li>• Developed a new UI base on <b>Google Material Design Guidelines</b>.</li><li>• Used <b>MEAN</b> (MongoDB, ExpressJs, AngularJs, NodeJs) stack for web product.</li></ul>		

## ACADEMIC COURSEWORK (IIT KHARAGPUR)

THEORY	<ul style="list-style-type: none"><li>• Switching and Finite automata</li><li>• Probability and Statistics</li><li>• Partial Differential Equation</li></ul>	<ul style="list-style-type: none"><li>• Transform Calculus</li><li>• Discrete Mathematics</li><li>• Linear Algebra</li></ul>
SYSTEMS	<ul style="list-style-type: none"><li>• Computer Organisation and Architecture</li><li>• Object Oriented Systems Programming</li><li>• Systems Programming</li></ul>	<ul style="list-style-type: none"><li>• Design and Analysis of Algorithms</li><li>• Introduction to Electronic</li><li>• Programming and Data Structure</li><li>• Operation Research</li></ul>

## TECHNICAL SKILLS

LANGUAGES	<ul style="list-style-type: none"><li>• Programming - <b>C, C++, JAVA, R</b></li><li>• Scripting - <b>HTML, CSS, Javascript, Python, Ruby</b></li></ul>
TECHNOLOGIES & SOFTWARE	<ul style="list-style-type: none"><li>• Libraries used - <b>Google Maps API v3, d3js, Ruby on Rails, Android SDK</b></li><li>• Software used - <b>Eclipse, NetBeans, Solidworks, Adobe Illustrator</b></li><li>• Environments - Windows, Linux, MacOS</li></ul>