## Mahendra Singh Meena

D-339, Rajendra Prasad Hall of Residence IIT Kharagpur, Kharagpur (W.B.) Mobile: +91-97355-52560

Email: mahendra007.s@gmail.com | Homepage: cse.iitkgp.ac.in/~mmeena/

## Educational Qualifications

Degree		School/Institute	Performance	Year
B.Tech + M.Tech Computer Science & Engineering		Indian Institute of Technology, Kharagpur	7.32/10 after 8 <sup>th</sup> Sem	2009-2014
All India Senior School Certificate Examination, CBSE		Kendriya Vidyalaya No.5, Gwalior	89%	2008-2009
All India Secondary School Examination, CBSE		Kendriya Vidyalaya No.5, Gwalior	82%	2006-2007
• Technical Skills				
Programming Languages	C, JAVA, P	HP, Python, HTML, JavaScript, MySQL, Assembly	Lang(Intel x86), Socket Pi	rogramming
Web Development Frameworks/APIs	b Development Frameworks/APIs jQuery, OSClass, Django, APIs : Google Maps, Go		gle Charts, Facebook, Twitter, Flickr	
Software Development Packages		Netbeans, GiT, SPIM, LaTeX, Xilinx, Cnet	Network Simulator	
Operating Systems Linux (Ubuntu, F		Linux (Ubuntu, Fedora, CentOS), Wi	lora, CentOS), Windows (8,7,XP)	
• Work Experience				
Banyan Learning Solutions India Pvt. Lto	d. (Bengaluru)	Summer Internship	May-June 20	)12
Code Repository maintenance a	ical Character I nd merging ne	Recognition) of attendance sheets. w features using GiT.		
Mozilla Firefox Extension Development			June 2011	
<ul> <li>Developed an extension (Add-o</li> </ul>	r Interface Lan	for changing proxy setting quickly with a single of guage) and basic functioning using JavaScript and 36,535 Total downloads.		component
<ul> <li>Developed an extension (Add-o</li> <li>GUI design using XUL (XML Use object model). Current Statistics: 559 weekly d</li> <li>Academic Projects</li> </ul>	r Interface Lan lownload and 3	guage) and basic functioning using JavaScript and 36,535 Total downloads.	d XPCOM (cross platform	
<ul> <li>Developed an extension (Add-o</li> <li>GUI design using XUL (XML Use object model). Current Statistics: 559 weekly d</li> <li>Academic Projects</li> <li>Energy Efficient Scheduling Policies for R</li> <li>Analyzed different scheduling p</li> </ul>	r Interface Lan Iownload and 3 Real-Time Emb policies for botl	guage) and basic functioning using JavaScript and 36,535 Total downloads.	d XPCOM (cross platform Feb 2012 – May rstems with RT-DVS class	<b>2013</b> of algorithms
<ul> <li>Developed an extension (Add-o</li> <li>GUI design using XUL (XML Use object model). Current Statistics: 559 weekly d</li> <li>Academic Projects</li> <li>Energy Efficient Scheduling Policies for R</li> <li>Analyzed different scheduling p</li> <li>Proposed a modified version of reducing power consumption.</li> </ul>	r Interface Lan Iownload and 3 Real-Time Emb Policies for both Pfair scheduli	guage) and basic functioning using JavaScript and 36,535 Total downloads. edded Systems (B.Tech Project) h Uniprocessor and Multiprocessor scheduling sy	d XPCOM (cross platform Feb 2012 – May rstems with RT-DVS class	<b>2013</b> of algorithms euristics for
<ul> <li>Developed an extension (Add-o</li> <li>GUI design using XUL (XML Use object model). Current Statistics: 559 weekly d</li> <li>Academic Projects</li> <li>Analyzed different scheduling p</li> <li>Proposed a modified version of reducing power consumption.</li> <li>mplementation of combinatorial algorit</li> <li>Java applet implementation of</li> </ul>	r Interface Lan lownload and 3 Real-Time Emb policies for both Pfair schedulin thm to find the linear time cor	guage) and basic functioning using JavaScript and 36,535 Total downloads. edded Systems (B.Tech Project) h Uniprocessor and Multiprocessor scheduling sy ng with lower switching overheads and integration e orthogonal hull of an object (Design Lab.) nbinatorial algorithm to find orthogonal convex h	Feb 2012 – May rstems with RT-DVS class on possibility of RT-DVS he Aug 2013 – Oct	2013 of algorithm euristics for 2013
<ul> <li>Developed an extension (Add-o</li> <li>GUI design using XUL (XML Use object model). Current Statistics: 559 weekly d</li> <li>Academic Projects</li> <li>Analyzed different scheduling p</li> <li>Proposed a modified version of reducing power consumption.</li> <li>mplementation of combinatorial algorit</li> <li>Java applet implementation of Added preferences/settings for</li> </ul>	r Interface Lan lownload and 3 Real-Time Emb policies for both Pfair schedulin thm to find the linear time cor	guage) and basic functioning using JavaScript and 36,535 Total downloads. edded Systems (B.Tech Project) h Uniprocessor and Multiprocessor scheduling sy ng with lower switching overheads and integration e orthogonal hull of an object (Design Lab.) nbinatorial algorithm to find orthogonal convex h	Feb 2012 – May rstems with RT-DVS class on possibility of RT-DVS he Aug 2013 – Oct	2013 of algorithms euristics for 2013
<ul> <li>Developed an extension (Add-o</li> <li>GUI design using XUL (XML Use object model). Current Statistics: 559 weekly d</li> <li>Academic Projects</li> <li>Analyzed different scheduling p</li> <li>Proposed a modified version of reducing power consumption.</li> <li>mplementation of combinatorial algorit</li> <li>Java applet implementation of Added preferences/settings for</li> <li>Added preferences/settings for</li> <li>Developed a real-time web app</li> </ul>	r Interface Lan lownload and a <b>Real-Time Emb</b> policies for both Pfair schedulin thm to find the linear time cor user interface	guage) and basic functioning using JavaScript and 36,535 Total downloads. edded Systems (B.Tech Project) h Uniprocessor and Multiprocessor scheduling sy ng with lower switching overheads and integration e orthogonal hull of an object (Design Lab.) nbinatorial algorithm to find orthogonal convex h	d XPCOM (cross platform Feb 2012 – May rstems with RT-DVS class on possibility of RT-DVS ho Aug 2013 – Oct hull of an object to be dra Apr 2013	2013 of algorithm euristics for 2013 wn by user.
<ul> <li>Developed an extension (Add-o GUI design using XUL (XML Use object model). Current Statistics: 559 weekly d</li> <li>Academic Projects</li> <li>Analyzed different scheduling p</li> <li>Proposed a modified version of reducing power consumption.</li> <li>Mplementation of combinatorial algorit</li> <li>Java applet implementation of</li> <li>Added preferences/settings for</li> <li>Added preferences/settings for</li> <li>Developed a real-time web app</li> <li>Integrated Twitter and Flickr AF</li> </ul>	r Interface Lan lownload and a <b>Real-Time Emb</b> policies for both Pfair schedulin thm to find the linear time cor user interface	guage) and basic functioning using JavaScript and 36,535 Total downloads. edded Systems (B.Tech Project) h Uniprocessor and Multiprocessor scheduling sy ng with lower switching overheads and integration e orthogonal hull of an object (Design Lab.) mbinatorial algorithm to find orthogonal convex h customization.	d XPCOM (cross platform Feb 2012 – May rstems with RT-DVS class on possibility of RT-DVS ho Aug 2013 – Oct hull of an object to be dra Apr 2013	2013 of algorithm euristics for 2013 wn by user.
<ul> <li>Developed an extension (Add-o</li> <li>GUI design using XUL (XML Use object model). Current Statistics: 559 weekly d</li> <li>Academic Projects</li> <li>Analyzed different scheduling p</li> <li>Proposed a modified version of reducing power consumption.</li> <li>mplementation of combinatorial algorit</li> <li>Java applet implementation of Added preferences/settings for</li> <li>Acaded preferences/settings for</li> <li>Developed a real-time web app</li> <li>Integrated Twitter and Flickr AF</li> </ul>	r Interface Lan lownload and a <b>Real-Time Emb</b> policies for both Pfair schedulin thm to find the linear time cor user interface lication to fetco Pls with Google	guage) and basic functioning using JavaScript and 36,535 Total downloads. edded Systems (B.Tech Project) h Uniprocessor and Multiprocessor scheduling sy ng with lower switching overheads and integration e orthogonal hull of an object (Design Lab.) mbinatorial algorithm to find orthogonal convex h customization.	Feb 2012 – May Feb 2012 – May rstems with RT-DVS class on possibility of RT-DVS he Aug 2013 – Oct null of an object to be dra Apr 2013 d by user on Google map. Apr 2012	2013 of algorithms euristics for 2013 wn by user.
<ul> <li>Developed an extension (Add-o</li> <li>GUI design using XUL (XML Use object model). Current Statistics: 559 weekly d</li> <li>Academic Projects</li> <li>Analyzed different scheduling p</li> <li>Proposed a modified version of reducing power consumption.</li> <li>mplementation of combinatorial algorit</li> <li>Java applet implementation of added preferences/settings for</li> <li>Added preferences/settings for</li> <li>Developed a real-time web app</li> <li>Integrated Twitter and Flickr AF</li> <li>Design and implementation of Imple</li></ul>	r Interface Lan lownload and a <b>Real-Time Emb</b> policies for both Pfair schedulin thm to find the linear time cor user interface lication to fetco Pls with Google File system and ridged Etherne	guage) and basic functioning using JavaScript and 36,535 Total downloads. edded Systems (B.Tech Project) h Uniprocessor and Multiprocessor scheduling sy ng with lower switching overheads and integration e orthogonal hull of an object (Design Lab.) mbinatorial algorithm to find orthogonal convex here e customization. th tweets and Flickr photos for a location selected e Maps API for proper functioning. d integration with FUSE as final project for Opera et Local Network	Feb 2012 – May restems with RT-DVS class on possibility of RT-DVS he Aug 2013 – Oct null of an object to be dra Apr 2013 d by user on Google map. Apr 2012 ting Systems Lab. Apr 2012	2013 of algorithms euristics for 2013 wn by user.
<ul> <li>Developed an extension (Add-o</li> <li>GUI design using XUL (XML Use object model). Current Statistics: 559 weekly d</li> <li>Academic Projects</li> <li>Analyzed different scheduling p</li> <li>Proposed a modified version of reducing power consumption.</li> <li>mplementation of combinatorial algorit</li> <li>Java applet implementation of added preferences/settings for</li> <li>Added preferences/settings for</li> <li>Developed a real-time web app</li> <li>Integrated Twitter and Flickr AF</li> <li>Design and implementation of Imple</li></ul>	r Interface Lan lownload and a <b>Real-Time Emb</b> policies for both Pfair schedulin thm to find the linear time cor user interface lication to fetco Pls with Google File system and ridged Etherne	guage) and basic functioning using JavaScript and 36,535 Total downloads. edded Systems (B.Tech Project) h Uniprocessor and Multiprocessor scheduling sy ng with lower switching overheads and integration e orthogonal hull of an object (Design Lab.) mbinatorial algorithm to find orthogonal convex for customization. th tweets and Flickr photos for a location selected Maps API for proper functioning. d integration with FUSE as final project for Opera	Feb 2012 – May restems with RT-DVS class on possibility of RT-DVS he Aug 2013 – Oct null of an object to be dra Apr 2013 d by user on Google map. Apr 2012 ting Systems Lab. Apr 2012	2013 of algorithms euristics for 2013 wn by user.
<ul> <li>Developed an extension (Add-o</li> <li>GUI design using XUL (XML Use object model). Current Statistics: 559 weekly d</li> <li>Academic Projects</li> <li>Analyzed different scheduling policies for R</li> <li>Analyzed different scheduling p</li> <li>Proposed a modified version of reducing power consumption.</li> <li>mplementation of combinatorial algorit</li> <li>Java applet implementation of Added preferences/settings for</li> <li>Added preferences/settings for</li> <li>Developed a real-time web app</li> <li>Integrated Twitter and Flickr AF</li> <li>Design and implementation of I</li> <li>Developed a simulation for Bin Computer Networks Lab.</li> </ul>	r Interface Lan lownload and 3 Real-Time Emb policies for both Pfair schedulin thm to find the linear time cor user interface lication to fetco ris with Google File system and ridged Etherne ning tree proto	guage) and basic functioning using JavaScript and 36,535 Total downloads. edded Systems (B.Tech Project) h Uniprocessor and Multiprocessor scheduling sy ng with lower switching overheads and integration e orthogonal hull of an object (Design Lab.) mbinatorial algorithm to find orthogonal convex for e customization. th tweets and Flickr photos for a location selected e Maps API for proper functioning. d integration with FUSE as final project for Opera et Local Network pocol for bridge functioning using cnet network singless and selected for the second selected for the second selected by the second selected second selected by the second selected second se	Feb 2012 – May Feb 2012 – May rstems with RT-DVS class on possibility of RT-DVS ha Aug 2013 – Oct null of an object to be dra Apr 2013 d by user on Google map. Apr 2012 ting Systems Lab. Apr 2012 mulator framework as fina	2013 of algorithms euristics for 2013 wn by user. al project for
<ul> <li>Developed an extension (Add-o</li> <li>GUI design using XUL (XML Use object model). Current Statistics: 559 weekly d</li> <li>Academic Projects</li> <li>Analyzed different scheduling p</li> <li>Proposed a modified version of reducing power consumption.</li> <li>mplementation of combinatorial algorit</li> <li>Java applet implementation of Added preferences/settings for</li> <li>Added preferences/settings for</li> <li>Developed a real-time web app</li> <li>Integrated Twitter and Flickr AF</li> <li>Design and implementation of I</li> <li>Developed a simulation for Bianning Tree Protocol simulation for span Computer Networks Lab.</li> </ul>	r Interface Lan lownload and 3 Real-Time Emb policies for both Pfair schedulin thm to find the linear time cor user interface lication to fetco ris with Google File system and ridged Etherne ning tree proto	guage) and basic functioning using JavaScript and 36,535 Total downloads. edded Systems (B.Tech Project) h Uniprocessor and Multiprocessor scheduling sy ng with lower switching overheads and integration e orthogonal hull of an object (Design Lab.) mbinatorial algorithm to find orthogonal convex here e customization. th tweets and Flickr photos for a location selected e Maps API for proper functioning. d integration with FUSE as final project for Opera et Local Network	Feb 2012 – May Feb 2012 – May rstems with RT-DVS class on possibility of RT-DVS ha Aug 2013 – Oct null of an object to be dra Apr 2013 d by user on Google map. Apr 2012 ting Systems Lab. Apr 2012 mulator framework as fina	2013 of algorithms euristics for 2013 wn by user. al project for
<ul> <li>Developed an extension (Add-o</li> <li>GUI design using XUL (XML Use object model). Current Statistics: 559 weekly d</li> <li>Academic Projects</li> <li>Analyzed different scheduling p</li> <li>Proposed a modified version of reducing power consumption.</li> <li>mplementation of combinatorial algorit</li> <li>Java applet implementation of Added preferences/settings for</li> <li>Added preferences/settings for</li> <li>Developed a real-time web app</li> <li>Integrated Twitter and Flickr AF</li> <li>Design and implementation of I</li> <li>Developed a simulation for Bi</li> <li>Developed a simulation for Bi</li> <li>Developed a tiny compiler for b</li> </ul>	r Interface Lan lownload and 3 Real-Time Emb policies for both Pfair schedulin thm to find the linear time cor user interface lication to fetco Pls with Google File system and ridged Etherne ning tree proto	guage) and basic functioning using JavaScript and 36,535 Total downloads. edded Systems (B.Tech Project) h Uniprocessor and Multiprocessor scheduling sy ng with lower switching overheads and integration e orthogonal hull of an object (Design Lab.) mbinatorial algorithm to find orthogonal convex for e customization. th tweets and Flickr photos for a location selected e Maps API for proper functioning. d integration with FUSE as final project for Opera et Local Network pocol for bridge functioning using cnet network sing code generation for python-type language in C a	Feb 2012 – May restems with RT-DVS class on possibility of RT-DVS has a compossibility of RT-DVS has a composite of RT	2013 of algorithm euristics for 2013 wn by user. al project for ers Lab.
<ul> <li>Developed an extension (Add-o</li> <li>GUI design using XUL (XML Use object model). Current Statistics: 559 weekly d</li> <li>Academic Projects</li> <li>Analyzed different scheduling policies for R</li> <li>Analyzed different scheduling p</li> <li>Proposed a modified version of reducing power consumption.</li> <li>Implementation of combinatorial algorit</li> <li>Java applet implementation of</li> <li>Added preferences/settings for</li> <li>Gogle Map Traveler (Web-Mashup)</li> <li>Developed a real-time web app</li> <li>Integrated Twitter and Flickr AF</li> <li>File System Implementation</li> <li>Design and implementation of I</li> <li>Spanning Tree Protocol simulation for Bi</li> <li>Developed a simulator for span Computer Networks Lab.</li> <li>Tiny Compiler</li> <li>Developed a tiny compiler for b</li> <li>Scholastic Achievements</li> <li>Qualified for the award of scho Council for Educational Researce</li> </ul>	r Interface Lan lownload and a <b>Real-Time Emb</b> policies for both Pfair schedulin thm to find the linear time cor user interface lication to fetco Pls with Google File system and ridged Etherne ning tree proto pasic assembly larship under N	guage) and basic functioning using JavaScript and 36,535 Total downloads. edded Systems (B.Tech Project) h Uniprocessor and Multiprocessor scheduling sy ng with lower switching overheads and integration e orthogonal hull of an object (Design Lab.) mbinatorial algorithm to find orthogonal convex for e customization. th tweets and Flickr photos for a location selected a Maps API for proper functioning. d integration with FUSE as final project for Opera et Local Network bcol for bridge functioning using cnet network sin code generation for python-type language in C a NTSE (National Talent Search Examination), 2007	Feb 2012 – May restems with RT-DVS class on possibility of RT-DVS has null of an object to be dra Aug 2013 – Oct null of an object to be dra Apr 2013 d by user on Google map. Apr 2012 ting Systems Lab. Apr 2012 mulator framework as fin Nov 2011 s final project for Compile conducted by NCERT (Na	2013 of algorithm euristics for 2013 wn by user. al project for ers Lab. tional