MCMASTER ACM CHAPTER '16-'17

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McMaster University ACM Student Chapter is a registered Association for Computing Machinery (commonly referred to as ACM) Chapter operating at McMaster University and run by students. The Chapter is serving the whole hamilton area and is operated exclusively for educational and scientific purposes promoting an increased knowledge of and greater interest in the science, design, development, applications, construction, languages, management and applications of modern computing. It also serves as a means of communication between persons having an interest in computing.

Our lab is @ ITB (Information Technology Building) 134.
Our lab is fitted with 3 electrical engineering stations (Multi-meter + Power Supplier + Oscilloscope), 4 white boards, markers, and erasers, 60+ wheelchairs and 20 tables, security cameras, and EE & CE reference manuals and books for your reading/learning interests. No food or drinks in the lab!

Youtube (200+ Subscribers) https://www.youtube.com/mcmasteracm
Facebook (100+ Likes) https://www.facebook.com/mcmasteracm
Twitter (<10 Followers) http://twitter.com/mcmasteracm/

510 Chapter Members - 20 ACM Members
Members:
153 Software Eng
102 Comp Eng
98 Engineering 1
72 Comp Sci
53 Elec Eng
21 Mechatronics
11 Biomedical

Chapter Officers:
2 Software Eng
2 Life Sci
1 Comp Eng
1 Biomedical
1 Electrical Eng

OutReach Officers:
19 Comp Sci
4 Software Eng

ICPC Coaches:
3 Software Eng
1 Comp Eng
1 Elec Eng

Essay:

Our web developers came together to design what makes a great usable website to achieve the goals we need. We constructed the current blog to keep a live feed to all our members almost all year long. We then constructed multiple templates for posts and categories. We had a category for solved ICPC questions and video explanations. Another category was our free EBOOKS download section with multiple ICPC and Crack the coding interview book variants. We then added a MCGPA.net which is our Mcmaster GPA calculator used by our ECE & CAS Depts. It makes it easy to calculate your GPA in 12 grade point system adopted by McMaster and converts it in both ways to 4 grade point system which would make more sense to employers and institutions around the world. We added a whole training module later on with a widget tracker that tracks our top team members in our training program. Given a list of usernames or handles on code forces, an online judge rich with icpc practice questions, our web script will visit the submissions page of each handle and count how many different questions were awarded a correct submission and returns the number to be summed with other team members to get a combined number for each team. The top 3 teams solving the most number of practice questions are awarded a gift-card monthly which helped them keep motivated and practicing over the summer. Along with that our multimedia team was already creating a huge facebook group with live feeds and events.A youtubechannel was created and attracted 200+ subscribers for the video explanations and questions solved there by our programmers. We also launcheda Facebook page which helped our ICPC committee use it for their massive advertising campaigns around campus. We linked all our channels of communication to the website and added a ton of features all while keeping it accessible with a downtime of roughly 0.017%. Up until now our website has no advertisements and will never have as we are after quality content and benefiting the students not about monetizing the website. The website has had 7000 visitors and is indexed by google as our web developers have invested huge time into its Search engine optimization allowing students from all around hamilton and mcmaster to find us and benefit from our services. Since day one we added an anonymous message tab that gets to our faculty sponsor, chair, vice chair, and secretary mailboxes for any whistleblowing, complaints, etc. We also used the website and our slack as our main communication channels for our ICPC voyage. The website has been a great tool that aided us in reaching more people around our area using search engines and has been our help desk giving all kinds of information dynamically to all users. A basic site analysis showing that we run no ads and that we have a relative amount of users per day ~100 compared to our ~500 chapter members is here (http://www.siteworthtraffic.com/report/macacm.org).