

In the Name of God
Submission for Outstanding Recruitment 2016

ACM Student Chapter, University of Tehran

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Description of the School of Electrical and Computer Engineering (ECE)

URL: <http://ece.ut.ac.ir>

The school of electrical and computer engineering at university of Tehran is one of the most prestigious academic institutions in Iran. Hosting more than 70 academic and 30 support and technical staff, school of ECE provides a friendly, modern and supportive environment which consistently leads to excellence in education and cutting-edge research. Offering both undergraduate and graduate programs, the school is a highly admired engineering college in Iran.

Flexibility of Graduate programs at ECE, encourages students to envision their educational goals early on, and move toward them with assistance of members of the faculty. In addition to participating in the educational curriculum, undergraduate students are welcomed at laboratories.

On average, number of students who major in the fields of Computer Engineering and Information Technology at the school of ECE is:

B.Sc. in Software Engineering:	130
B.Sc. in Hardware Engineering:	100
B.Sc. in Information Technology:	100
M.Sc. in Software Engineering:	20
M.Sc. in Hardware Engineering:	25
M.Sc. in Artificial Intelligence:	15
M.Sc. in Information Technology:	10
PH.D. in Software Engineering:	6
PH.D. in Hardware Engineering:	6
PH.D. in Artificial Intelligence:	6

Description of the chapter

ACM student chapter at University of Tehran began its activity on January 10th, 2001 as the first ACM student chapter in Iran. The main motivation behind establishment of this chapter, was promoting knowledge and adequate skills among students studying computer science. Consistent engagement with students and encouraging them to pursue and improve their ideas, were other goals behind the formation of this chapter. Our engagement with students were mostly in following context:

Conducting introductory sessions in both software and hardware engineering, focused on technologies, methods, and views

Hosting conferences and educational workshops, which in turn leads to better social and managerial skill among students

Forming and participating in groups of special purposes

This chapter is also known as the scientific chapter of the computer engineering college of University of Tehran.

Essay - Outstanding Recruitment Program

University of Tehran ACM Student Chapter has carried out many activities during the past year to advocate collaboration among its members and students alike. As a way to do so, the chapter thinks of promising projects (computer related or otherwise) and tries to involve students in the subject and asks them to join and undertake the projects. In the past year, we concentrated on

getting the female community more engaged with the chapter. Our activities for recruitment fall into three categories:

1- UT ACM Student Chapter held three special events to introduce ACM and the chapter to students:

- Welcoming Ceremony for freshmen at the beginning of the academic year.
No. of participants: 200
- ACM Ceremony to introduce ACM and encourage students to collaborate in chapter activities. In this event that was held in June 2015, the chapter thanked students who helped in last year's activities by giving them some awards and a certificate of appreciation. In this ceremony, a teaser ([To Be ACM](#)) that served as an introduction to the chapter was released for the first time and it was so attractive that got a standing ovation by the audience. Another part of this ceremony was introducing ACM/ICPC by the chapter's faculty sponsor. Also, the final round of Rayman Legends tournament was held in the conference hall.
No. of participants: 60
- XP Game: XP Game is a playful way to familiarize the players with some of the more difficult concepts of the XP Planning Game, like velocity, story estimation, yesterday's weather and the cycle of life. UT ACM Chapter held this contest for freshmen to convey a feeling of dynamism to them.
No. of participants: 70

2- We believe that just holding such events and introducing ACM events to students are not enough to encourage them to participate and collaborate in the chapter programs. For this reason, we gave the opportunity to all students of the college to present their ideas in different fields, like seminars, IT projects, classes and contests. We try to create a community where the students could know themselves to be part of the chapter. And we often remind them that they are the thinking and working body of the chapter and consequently an effective force in the university. After many brainstorming sessions, the most creative ideas were selected and the chapter promoted the ideas and supervised students to implement their ideas.

Giving this opportunity to students to manage and direct programs not only made them engaged with ACM activities, but also improved their soft skills. More than 70 students were involved in this way.

Programs listed below were supervised by the chapter and held by its members:

- [Ubuntu Festival](#)
- [Panjareh Conference](#)
- [Livestream Project](#)
- [Some projects in the summer of code program](#)

Moreover, one of the most outstanding activities in the chapter is the publication of F1, a scientific quarterly journal which covers a wide range of topics from the technologies emerging in industries to academic news and interview with faculty members.

This submission has been truncated to fit the 500 word limit.