

In the Name of God
Submission for Outstanding Recruitment Program 2017

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

We decided, at the beginning of our responsibility in the chapter, to share our executive and academic experiences, especially with freshmen and second-year students and assign them some roles in our activities.

■ **XP Game for Freshmen**

Every year the ACM student branch of the University of Tehran holds an event in order to familiarize freshmen with the atmosphere of the university, their fellow students, and the senior student body.

The “XP Game” event is designed as a series of simple challenges in order to introduce the basic concepts of Agile Software Development to the participants. This event was sponsored by [Cafe Bazaar](#).

70 attendees

■ **F1 Special Issue**

Entering university can be a big change in a person's life. It can come with difficulties such as adapting to new surroundings and a diverse community of people, getting to know the professors, and adjusting to new methods of teaching.

These changes form some common questions in freshmen’s head, and the F1 team decided to address these issues in a special edition of F1, the chapter’s quarterly journal.

- **Wednesday Gathering**

One of the best occasions to introduce young students to new or unfamiliar fields they might enjoy is when other students of their age and major share their own more advanced experiences with them. UT ACM chapter has created a weekly event called “Wednesday Gathering” in which senior students talk about their knowledge and experience in their fields of work and interest with freshmen and sophomores. Another purpose of these meetings is for new students to get to know the chapter and its activities. The main subjects discussed in these events during the year include “Startups” and “A Practice with Computer Networks”.

- **Summer of Code**

“Summer of Code” is one of the largest events held by UT ACM Student Chapter since 2012. The target audiences of the event are freshmen and sophomores. It's one of the most effective ways of strengthening social relations between students. Participants work on projects defined by the Student Chapter for three months in teams of 4-8 people, supervised by a mentor. Many of these projects are a beginning to a long-term cooperation of students with ACM Student Chapter.

- **Election**

More and more students are becoming interested in being part of the chapter activities and joining the core team of the officers every year. The 2016 chapter election also indicates this fact. The most important point of this year's election was participation of more than 300 people including professors, PhD and MSc students which demonstrates the importance of the chapter's future.

UT ACM student chapter conducted a debate between the two candidate teams in accordance to have a more fruitful election and it was broadcast live on live.ut.ac.ir. Also, it was the first time the election was held online on vote.ut.ac.ir, a voting system developed by chapter members.