ADA University ACM Student Chapter

ADA University, 11 Ahmadbey Aghaoghlu Street, Baku, Azerbaijan

- ❖ Chair
  - ➢ Shahnur Isgandarli
  - ➢ sisgandarli2018@ada.edu.az
- ❖ Vice-chair
  - ➢ Ziyaddin Sadigov
  - ➢ zsadigov2018@ada.edu.az
- ❖ Treasurer
  - ➢ Sevinj Jafarli
  - ➢ sjafarli2019@ada.edu.az
- ❖ Membership Chair
  - ➢ Mr. Farid Ahmadov
  - ➢ frahmadov@ada.edu.az
- ❖ Faculty Sponsor
  - ➢ Dr. Araz Yusubov (Senior ACM Member)
  - ➢ ayusubov@ada.edu.az

Our School:

Established in 2012, ADA University's School of Information Technologies and Engineering (SITE) is one of the leading information and computer science schools of Azerbaijan. Comprised of over 300 undergraduates and 11 faculty members, SITE's purpose is to provide the essential education necessary to prepare its high-achieving and talented students to become the successful IT specialists and engineers of the future. Currently, the students of SITE major in Computer Science, Information Technology, Computer Engineering, and Systems Engineering programs, each of which span 4 years and provide a Bachelor of Science degree upon completion. Correspondingly, our ACM Student Chapter is composed of members from each of these majors.

Our ACM Student Chapter:

Our ACM Student Chapter, ever since its initiation on the 4th of April, 2016, has been relentlessly striving to educate our community of the significance of computer science as a field and profession. Our team consists of 58 members, 10 of which are ACM members, 1 of which is a Senior ACM member, and all of which are individuals with a keen passion towards the fields of Information Technologies and Computer Science. Our activity was initiated by our faculty sponsor and member of the executive council of the local ACM Azerbaijan chapter, Dr. Araz Yusubov, who had a vision to assist our university's IT and CS students in coming together and creating opportunities to explore their professions. This led to all the ACM members of our University to gather and register a new student chapter, with the hopes of enriching the education of IT and CS students all across the country by means of intriguing activities and evoking interest among others to inquire further into this field.

The ADA University ACM Student Chapter seeks to unite students from all over Azerbaijan studying in IT and CS-related fields and allow them to take advantage of opportunities, such as workshops, courses, and contests, coordinated by experienced professionals of the sector. We are also progressive in facilitating the interest of school students in the fields of IT and CS, by organizing informative events and competitions to better advise them of what the terms computer science and information technologies entail, as well as to motivate them to pursue their studies within these areas. Likewise, our chapter consists of decidedly enthusiastic individuals who get together often to participate in contests, coordinate, participate and volunteer both locally and abroad in events related to computing, and motivate interested students to do the same and more by elaborating on their experiences. We are an avid group of learners of the IT and CS sector who believe that passion is the driving force behind success in any field, and that passion must be nurtured and developed in those involved in information technologies and computer science.

ADA University ACM Student Chapter URLs:
- ❖ Website: http://ada.acm.org/ (under construction)
- ❖ Facebook: https://www.facebook.com/ada.acm.chapter/

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Essay

Outstanding Chapter Activities

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April 15-17, 2017

In the **Big Data Weekend**, Stanford University's Professor Jennifer Widom conducted short courses on big data at ADA University as a part of her "Instructional Odyssey". 80 attendees, eager IT/CS students and professionals, actively participated and received certificates. Ultimately, all participants acquired a clear idea about the ways big data is implemented, its significance in today's fast-paced world, and hands-on experience on how data is collected and analyzed by data scientists in order to reach conclusions. The workshop was jointly organized and funded by our chapter and the Azerbaijan ACM Chapter.

April 30, 2016 / April 15, 2017

Ada's Legacy: Women in Computing is an annual celebration of women in computing in Azerbaijan. In both years, approximately 180 students participated and received certificates, most of which were female school students interested in pursuing technology-related education and female IT/CS professionals. A variety of specialists spoke about their experiences and struggles within their respective fields and motivated women from all across the country to continue to explore information technology and computer science as a passion and crucial profession.

February 23, 2016

Google Hash Code ADA University Hub, funded by ADA University and Lime Catering, was organized by our chapter in hopes of bringing ambitious programmers from all Azerbaijani universities together for the Google Hash Code Online Qualification Round. 50 contestants competed within teams in the hub, which fostered a sense of unity while they worked alongside one another in order to solve the competition's intriguing problem.

November 28 - December 4, 2016

Bebras Contest in Azerbaijan was held amongst 5153 school students across Azerbaijan. The goal was to encourage school students to think logically and mathematically to solve informatics problems. The participants were able to successfully improve their algorithmic thinking skills, understand how to approach problems, and ultimately, receive certificates. The contest was jointly organized and funded by the Azerbaijan ACM Chapter and our chapter.

November 25, 2016

In the **Hour of Code in Azerbaijan: KidCode**, our chapter's members informed 30 students in an Azerbaijani school about IT/CS and allowed them to get hands-on experience with beginner-level coding. After motivating the students to explore informatics, small competitions were organized using Hour of Code games, which allowed the students to receive certificates.

October 14, 2016

Network Administration using CISCO Technologies Seminar was held by Mr. Teymur Azimov, a professional network engineer. 20 students from ADA University were introduced to the details behind network administration. The attendees received thorough understanding about the ways networks were implemented in the real world and gained hands-on experience on how to install and configure intermediary network devices.

June 1 - 27, 2016

The **Summer Computing School** by SITE professor Dr. Mykhailo Medvediev was a one-month series of daily competitive programming lectures in which 30 ADA University students participated. Throughout these lectures, the students gained in-depth knowledge about the algorithms used and techniques required to solve problems in competitive programming. Several contests were held throughout to help the students test their skills.