



IROMAG

Incomings Edition



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FIT CODING CHALLENGE

The fifteenth FIT Coding Challenge was held on June 3 and 4 at the Faculty of Information Technology, Dzemal Bijedic University of Mostar. The Coding Challenge is a project that has a competitive character. It was launched in 2008 to encourage students to apply knowledge in the field of programming. To provide all participants with a wide range of opportunities to express and implement their ideas, FITCC is open for participation in four following categories:

1. Programming challenge,
2. Game development
3. Innovation challenge
4. Cyber Olympics.

2ND PLACE IN THE STATE COMPETITION IN THE MOOT TRIAL

BOSNIAN DICTIONARY

FIT Coding Challenge

By IROUNMO

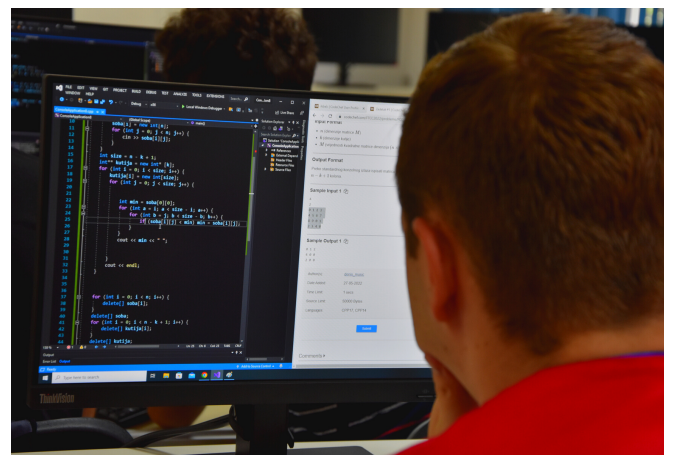


Programming Challenge is a category of FITCC which allows significant interaction of university and high school students from different educational institutions, all to improve their skills in solving minor programming problems and improving communication during group work. The innovation Challenge category aims to identify and reward competing innovators who want to make the world around them better with their ideas. World trends in the development of robotics, drones, automation, mechatronics, and the Internet of Things (IoT), allow the development of innovative solutions that rely on software and hardware components to solve everyday problems in industry, urban areas, and all other aspects of human life. In addition to the 4 basic categories, there is also the Game Party category as well as the Sports Challenge.

This is by far the best FITCC by all parameters. The largest number of participants, the largest number of awards, and the largest number of sponsors. In addition to the competition part, students were able to directly talk and ask questions to directors and employees of the largest IT companies in Bosnia and Herzegovina, and the region.

Sponsors of this year's competition were: Additiv, Evoila Bosnia, ITO, Zendev, Virgin pulse, Walter code, Infobip, Comtrade, Ministry of programming, Zira, Atlant, Mistralm Evona, Cor-Net, Infigo, QSD, Symphony, Softray solutions, Axess Group, Hera, Authority Partners, King ICT, Propeller, CodeChef.

FITCC also offered all visitors three forums where they had the opportunity to hear directly from employers (competition sponsors) about experiences from the real work environment. The topics of the forums were: IT and the global economy, A day in a life of cryptocurrency, the Market workforce in the Bosnia and Herzegovina IT sector, Global trends in IT: what are the most sought-after specializations of the future, and what are the global jobs of the future.



As part of this year's FITCC, the Bethel College USA choir also performed and their performance is available on FIT's youtube channel.

The faculty staff invested over 5,000 hours in the organization of this year's FITCC. The competition would not be what it is if it weren't for the students of the Faculty of Information Technology who worked tirelessly for a couple of days to make everything go as it should.

Here is the interview with Lamija and Belma below.



1. Can you introduce yourself?

Greetings to all, my name is **Belma Kukuruzović**, I am 19 years old. I am a first-year student at the Faculty of Information Technology in Mostar.

My name is **Lamija Behram**, I am 19 years old, I come from Mostar and I am a first-year student Faculty of Information Technology.

2. Why did you choose the Faculty of Information Technology?

Lamija: To improve my knowledge and skills, after high school, I opted for the Faculty of Information Technology because I thought it was the best step toward the IT world. The Faculty of Information Technology is very good for me. It introduced me to the IT world, to what I love. I was even more interested, not only in IT but also in marketing. My expectations have been met.

Belma: Since childhood, I have been interested in computers and informatics. After finishing high school, I decided to continue my education in the same field, and because of that, I enrolled in Software Engineering at FIT.



Belma: Since I was a child I have been involved in different projects of socially responsible activism, and the open invitation to students to volunteer at this year's FITCC meant only one thing to me, and that is applying. There is a big difference when you are in the organization of the competition, and when you watch the competition from the sidelines. The very conversation and contact with the sponsoring companies was a huge experience and a guiding star for further steps in our path to a successful developer.

3. How did you come up with the idea to apply to be a volunteer at this year's FITCC?

Lamija: At the lectures, it was mentioned that there would be a call for volunteers at FITCC, and given that I have experience in volunteering and I like to be a part of organizing events, I was looking forward to it, so I applied to be a volunteer at FITCC 2022.



4. What does FIT CC mean to you?

Belma: The very competition, its form, concept, and organization sounded tempting to every student, including me. Although I originally applied with a friend to compete, due to her health problems, we were not able to do that, but we will certainly compete in one of the categories next year. FIT CC is a great experience and opportunity for all students to show their knowledge in the field of programming and get the opportunity to practice or work in one of the IT companies.

Lamija: FITCC is the most interesting and best event I have attended. Except for the opportunity to be hired, to carry out practice in prestigious IT companies in Bosnia and Herzegovina, you get to present your ideas, prove your knowledge and skills and have the opportunity to have fun, socialize and get to know other students. For students, it is an event that certainly marks not only the academic year but also the entire period of education at the Faculty. FITCC changed the business and life paths.

5. How would you encourage students to apply to FIT CC, either volunteers or competitors?

Belma: I would recommend to all students who are interested in the IT sector, and do not know how and which way to go, who need someone to guide them, to apply for FITCC. There they will get answers to all their questions. Experience and new acquaintances, connections, and possible job opportunities are just some of the opportunities provided by FITCC. Whether you are competing, volunteering, or visiting, being a part of this event can only mean a plus in starting an IT career.

Lamija: Every competitor and volunteer receives many awards and opportunities in the IT world, whether or not they are a winner in a competition or not. Students have the opportunity to talk to the staff of various IT companies, ask questions, offer ideas, and broaden their horizons ... By applying to FITCC, there is nothing to lose only to gain.



It is the tradition is to award the best students of the Faculty of Information Technology during the FITCC.

Emina Handžić, Lejla Hećo, Ena Balić, Azra Smajić, Ajla Vrače, Ilhana Džeko, Kenan Sejmenović, Adnan Bubalo, Husein Marić, Senad Alagić received the **The Award of the Dean.**



After the award ceremony for the best students of Faculty of Information Technologies, the awards were also presented to the winners of the FIT CC.

The winners of this year's FITcc by categories are:

SMART LIVING AND INNOVATIONS

- 4O4 – Eldar Alibegović, Ahmed Čorhusić, Tarik Smajić, Mirnes Muratspahić
- GreenBot – Almin Dadić
- FITxMF – Zaim Mehić, Haris Beglerović, Armin Đideija, Hilmo Šejtanić, Ajdin Gosto

GAME DEVELOPMENT

- Non – Aligned Design – Berun Agić, Adi Efendić
- Darksign – Emrah Veladžić
- Cazin je najjači grad u BiH – Mario Polić

PROGRAMMING CHALLENGE

- Admir Zatega
- Benjamin Mujkić
- Haris Imamović

CYBER SECURITY

- Anavar – Aldin Višnjić, Amr Al Hallak
- DROP DATABASE – Azur Jelec, Omar Žunić
- Tim sigurnosti – Zlatko Zalihić, Abdulah Proho



The interview with the winners

1. Why did you choose the Faculty of Information Technology?

We chose the Faculty of Information Technology for several reasons. The main reason is our love for programming and informatics. The Faculty of Information Technology in Mostar is one of the best faculties of this type in the region. The Faculty of Information technology regularly adapts to the market because the technologies in this industry change regularly, and our faculty follows these trends. Quality and experienced teaching staff, well-equipped classrooms, as well as the employment of 95% of the students who graduated from this Faculty, are the elements that were taken into account when enrolling. We are sure that the decision to enroll in this faculty was the right one.



2. In addition to you, the team consisted of two students of the Faculty of Mechanical Engineering, can you introduce them and tell us how did you come up with the idea to collaborate?

To carry out the project itself, we needed the knowledge of people from the Faculty of Mechanical Engineering. We have a professor that also works at the Mechanical Engineering Faculty, he connected us with colleagues Ajdin Gosto and Himo Šejtanić. To complete the project, as well as to additionally understand the background of the project, required certain knowledge that we did not have. Together with colleagues from the Faculty of Mechanical Engineering, we developed certain ways for the completion and functioning of our device.

3. How did you come up with the idea to apply for this year's FITCC?

Our mentor prof. dr. Senad Rahimić gathered us. We have already had some elaboration projects. As the FITCC was approaching, we decided to apply. Experience from the past competitions has shown that we may have a chance to win one of the awards. The decision was made. We applied, made all the necessary preparations, and started preparing the presentation.

4. Did you expect to enter the TOP 3 innovations at this year's FITCC?

Well, to be honest, some of us did, and some of us did not expect that good of a result. We felt confident about the whole project and were satisfied with the presentation and the interest shown by the members of the jury. In the category with about 12 quality teams, it was difficult to be certain that we "will make" it into the TOP 3. So we were extremely glad to have found our place in the selected team.



5. How would you encourage students to enter FITCC and similar competitions?

So when you look at all the segments, there is nothing to lose. FITCC is a great opportunity for students of all faculties to demonstrate their skills, not only in programming but also in other aspects. These competitions allow students to progress in the fields they choose, and it is extremely important to participate, and recognitions and awards will follow.

6. Could you briefly explain to us your innovation and its reception?

Our innovation is a pneumatic glove currently controlled via ARDUINO but in the future, we plan to make it a voice control or control it via a mobile app. The application is simple and useful. It is designed to help and restore the functions of the hand to those who they lost it

7. Are you planning any future improvements/development or something similar?

As already mentioned, we plan to improve the way the glove itself is controlled. Regarding the mechanical part, we plan to use a medical compressor that is quieter.



2nd place in the state competition in the moot trial

By IROUNMO



Students of Faculty of Law of Dzemal Bijedic University of Mostar won 2nd place on a moot trial competition last weekend. They were defeated in the finals by the Faculty of Law of University of Zenica only after the judges' re-vote.

Minela Dugalić, Jasmina Ulaković, Arif Špago and Armin Baljić represented the Faculty of Law. They were coached by prof. dr. Denis Pajić, assistant professor Sunčica Hajdarović and TA Aldin Jelovac.

The best submission in front of the respondents was given by the Faculty of Law of the Dzemal Bijedic University of Mostar while the best speaker of the competition was our student Armin Baljić.

The competition was held last weekend and it was organized by the Student Union of the Faculty of Law of University of Mostar, with the support of the OSCE Mission to Bosnia and Herzegovina and the High Judicial and Prosecutorial Council.

BOSNIAN DICTIONARY

- KLIMA - AIR CONDITIONING
- SUNCE - SUN
- LJETO - SUMMER

- AUTO - CAR
- SLADOLED - ICE CREAM
- SOK - JUICE

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IROMAG TEAM
MIRSADA BEHRAM
LEJLA ŠKALJIĆ
LEJLA REPEŠA
HUSEIN MARIĆ

