

BEGIĆ FARIS

Gornje Rosulje 61, Visoko, Bosnia and Herzegovina, 71300 | fabegic@gmail.com | faris.begic@stu.ssst.edu.ba | +387 62 459 199 | GitHub | LinkedIn

PROFILE | I am a hardworking, ambitious individual who has established mature and intelligent approaches to solving problems. As a fourth-year undergraduate with more than five years of programming experience, I am keen to learn new skills.

EDUCATION | University Sarajevo School of Science and Technology

- Partnered with Buckingham University, United Kingdom – All courses and coursework conducted in English.
- Major in Computer Science, Minor in Business Management
- BSc expected in 2023.

Relevant courses, grades and professors:

- Programming and Problem Solving I – 10 – Jurić Željko
- Programming and Problem Solving II – 10 – Jurić Željko
- Design and Implementation in Web Environment – 10 – Husović Bakir
- Object Oriented Programming – 10 – Čatibušić Faik
- Data Structures and Algorithms – 10 – Telalović-Hasić Jasminka
- Software Engineering – 10 – Fazlić Edin

Gimnazija “Visoko” Visoko

- Informatics department
- 3rd and 4th year completed with GPA of 4.5 and 4.7 respectively

STUDENT ACTIVITIES | **DEMONSTRATOR IN PROGRAMMING AND PROGRAM SOLVING I** DEC 2020 – PRESENT

Organized and provided additional C++ classes for incoming computer science students. Aided in their comprehension of and expansion of their introduction to programming expertise. Taught students about variables, input stream, mathematical functions, nested conditionals, application of loops and nested loops, strings, and character types.

DEMONSTRATOR IN PROGRAMMING AND PROGRAM SOLVING II MAR 2021 – JUN 2021

Organized and supplied extra C++ classes for students studying Computer Science. Helped them understand and obtain a greater understanding of Object-Oriented Programming. Basics of class and struct (constructor, destructor, crucial keywords), class aggregation, operator overloading, inheritance, polymorphism, encapsulation, and abstraction were presented to the students.

DEMONSTRATOR IN CALCULUS NOV 2020 – FEB 2021

Organized and supplied extra classes in Calculus to Freshman Students

DEMONSTRATOR IN DISCRETE MATHEMATICS MAR 2021 – JUN 2021

Organized and supplied extra classes in Discrete Mathematics to Freshman Students

SUMMER SCHOOL TEACHER

MAR 2021 – JUN 2021

Arranged and provided additional programming sessions in C++ for students to help them improve their marks and prepare them for remedial exams.

ASSISTANT IN OPERATING SYSTEMS

MAR 2021 – PRESENT

Prepared and conducted lab presentations on the use of Operating Systems for Sophomore Computer Science students. Some of the subject covered were Command-line interface, CPU scheduling techniques, synchronization tools, deadlocks, and deadlock detection algorithms.

MEMBER OF THE ENTREPRENEURSHIP CLUB

OCT 2021 – PRESENT

VisitBosnia is a startup founded by three computer science students with the goal of uniting all health institutions in Bosnia and Herzegovina in a single Web Application that will allow features such as searching for institutions using various filters, storing medical findings, comparing prices, viewing clinic details, and requesting appointment reservations.

JUNIOR SCHOLAR AT BH FUTURES FOUNDATION

AUG 2021 – PRESENT

The BH Futures Foundation strives to convert Bosnia and Herzegovina into a thriving nation by empowering youth via education, technology, and leadership. As a junior scholar, I was able to develop a web application for the Futures Leaders Summit, assist in the planning and organizing of the Futures Automobile Conference, and attend the We Are Developers Conference 2022 in Berlin.

EXPERIENCE | OPTIKA BEGIĆ WEBSITE

[OPTIKABEGIC.COM](https://optikabegic.com) / [OPTIKA-BEGIC.VERCEL.APP](https://optika-begic.vercel.app)

Optika Begić is an optical business located in Ilijaš, Bosnia and Herzegovina. The customer desired a website that displayed company products, doctor appointments, contact information, and location. Websites were developed using WordPress and React.js, respectively.

ZAJAFON WEBSITE

[ZAJAFON.COM](https://zajafon.com)

Zajafon is a phone retail store with locations in Ilijaš and Breza. The customer wanted a simple website for the company representation, offerings, and location. The website was developed using WordPress technologies during the freshman year.

FUTURES LEADERS SUMMIT WEBSITE

[FLS.BA](https://fls.ba)

The Futures Leaders Summit (FLS) is an event that brings together potential STEM changemakers. FLS was hosted in Tuzla in December 2021, and attendees included representatives from Netflix, Apple, and other big companies. I worked on their website as a developer utilizing React.js, Next.js and Firebase.

IMTEXTER WEBSITE

[IMTEXTER.NETLIFY.APP](https://imtexter.netlify.app)

ImTexter is an image-to-text converter that converts images into text using OCR technology. React.js and TesseractOCR were used in the creation of the application.

ASK.IT WEBSITE

[ASK-IT-FRONTEND.HEROKUAPP.COM](https://ask-it-frontend.herokuapp.com)

Ask.it is a full-stack web application that allows users to post questions, receive answers and rate each question and answer. Users can register, log in and modify account information. Real-time notifications are implemented upon leaving an answer.

VISITBOSNIA WEBSITE

VISITBOSNIA.AZUREWEBSITES.NET

VisitBosnia is a Web Application that I, alongside two of my colleagues made. Application is made using HTML, CSS, JavaScript, PHP, and MySQL. The idea of the project is to make travel through Bosnia easier for both tourists and locals. The aim is to consolidate all tourist attractions, restaurants, fast foods, hotels, and other businesses together in one place so that people can conveniently navigate around the city.

DIGITAL CITY CHALLENGE

24 OCT 2020

At the Dubrovnik Talks Mediterranean Forum, four of my colleagues and I proposed digitizing Bosnia and Herzegovina's transportation infrastructure. The Digitalized Transportation System is a project that aims to improve the city's current transportation system. The proposed approach will automate the transportation system, minimize illicit behaviors by some clients, and speed up the ticket supplementation process.

SOFT SKILLS ACADEMY SARAJEVO

19-20 DEC 2020

Soft Skills Academy Sarajevo is a three-day workshop in Sarajevo for students of all faculties that encourages students to build informal skills essential for employment and a successful career, as well as for the problems of modern living that traditional education cannot supply. Certified EESTEC Soft Skills Trainers from all around Europe conducted the training.

ATLANTBH DEV DAYS WORKSHOP

22-23 FEB 2021

Atlantbh DevDays is a two-day Web App Development Workshop carried out by Atlantbh. The workshop's purpose is to provide participants with the opportunity to work on a real-world project and apply what they have learned. The third place award was handed to me and my team.

EDIT 2021 – SUMMER SCHOOL

20 JUNE 2021

I was one of the selected candidates for the 25th session of the EDIT Summer School, where the subject was "Effective Monitoring in the Enterprise Environment". Our monitoring solution, designed by me, along with 7 of my teammates, monitors the system resources, applications, and databases. We utilized the latest open-source tools, such as Grafana, Prometheus, and different kinds of exporters to develop the system. Besides developing live dashboards with graph representations, we also created alerts in case something goes wrong in the system.

RUBICON INTERNSHIP

22 JUNE 2021

RUBICON is a software development company based in Sarajevo. I was chosen among 200 applicants for an internship as a backend developer. During the period of two months, we developed an internal application for RUBICON employees, where I gained an extensive understanding of C#, .NET, and REST API.

SMART HEALTH CHALLENGE

30 OCTOBER 2021

As part of the fifth Dubrovnik Talks Mediterranean Forum, a Smart Health challenge was held in which students were challenged to develop ideas in the Med-Tech area. My team got first place by coming up with the idea of combining all health facilities in one application and allowing users to easily store medical reports and make appointments.

BICOM SYSTEMS HACKATHON

26 NOVEMBER 2021 / OZNOJ.VERCEL.APP

The topic of the Bicom Systems Hackathon 2021 was "How to help individuals recover their physical and (or) mental health during and after the COVID-19 epidemic." My team

came up with and created the proposal "Oznoj," a web-based application that provides users with healthy foods, training regimens, and supplementation to assist them to recover from sedentary lifestyles during the COVID-19 epidemic. As a result, we were awarded Employees Choice Award.

DESIGN BASED COLLABORATIVE LEARNING

06-19 MARCH 2022

eViva Study Visit is an innovative program that combines short theoretical inputs with a practical phase to assist students develop their skills in spotting ideas and possibilities. As a participant, I had an opportunity to spend 15 days in Podgorica and attend numerous interesting programs.

WE ARE DEVELOPERS WORLD CONGRESS

14-15 JUNE 2022

We Are Developers world congress drew over 250 speakers and more than 8000 developers to Berlin. Many lectures on topics such as Software Engineering, AI and DevOps were presented by some of the most prominent people in IT Industry. Attendees had the opportunity to solve programming challenges and build their networks in the expo area.

- AWARDS** | Annual Certificate of Outstanding Academic Achievement with GPA of 9.5 issued by University Sarajevo School of Science and Technology
- Annual Certificate of Outstanding Academic Achievement with GPA of 9.75 issued by University Sarajevo School of Science and Technology
- Certificate for completing Soft Skills Academy Sarajevo issued by EESTEC
- Certificate for completing Phyton Course issued by Udemy
- Certificate for completing Full Stack Web Development Boot camp issued by Udemy
- Certificate for completing EDIT Summer School 2021
- Certificate for completing e-Viva Project
- Certificate for competing at Digital City Challenge
- Certificate for winning Smart Health Challenge
- Certificate of appreciation for the successful contribution to the FLS'21
- Certificate for Responsive Web Design issued by freeCodeCamp

- LANGUAGES** | **BOSNIAN:**
Speaking: Proficient
Writing: Proficient
- ENGLISH:**
Speaking: Fluent
Writing: Fluent
- GERMAN:**
Speaking: Basic
Writing: Basic

REFERENCES AVAILABLE UP ON REQUEST