Faris Karkelja

CONTACT

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ABOUT ME

Passionate and highly organized computer science student with a solid foundation in software development, database management, and system design. Experienced in analytical thinking and collaborative projects, with the ability to perform effectively in dynamic environments. Motivated to contribute innovative solutions and grow together with a talented and supportive team.

EDUCATION AND TRAINING

OCT 2023 – CURRENT Sarajevo, Bosnia and Herzegovina

Bachelor of Information Technology International Burch University

JAN 2025 – JUN 2025 Västerås, Sweden

Bachelor of Computer Science Mälardalen University, Erasmus+

SEP 2019 – JUN 2023 Sarajevo, Bosnia and Herzegovina

High School Diploma, General Studies Gymnasium Dobrinja

PROJECTS

IBO & CO

Developed an official pharmacy dynamic web application with integrated e-commerce capabilities, a secure user authentication system, and an online ordering and payment workflow with in-store pickup

Google Cloud AI Startup Factory

Collaborated with a team to build a smart traffic pollution management system based on AI, integrating real-time data analysis and predictive modeling to provide actionable insights for improving urban air quality

RISC-V Instruction Set Design

Implemented a custom 32-bit CPU instruction set based on the modular RISC-V architecture, implemented a fully functional simulation in Logisim, and tested it using RARS with sample assembly programs

Craftify

Designed comprehensive wireframes for an AI production planner for craftsmanship, creating intuitive workflows that help craftsmen manage orders, optimize schedules, track inventory, and improve overall productivity

Dance Portfolio Website

Created a responsive portfolio highlighting a professional dance career, featuring project listings and a dynamic gallery

LANGUAGE SKILLS

MOTHER TONGUE(S): Bosnian │ Croatian │ Serbian

Other language(s):

English

Listening B1
Spoken production B1
Reading B1
Spoken interaction B1
Writing B1

German

Listening B2
Spoken production B2
Reading B2
Spoken interaction B2
Writing B2

SKILLS

COMPUTER LITERACY

Microsoft Office Suite (Word, Excel, PowerPoint) | Google Workspace (Docs, Sheets, Slides)

WEB DEVELOPMENT

HTML | CSS | JavaScript | PHP | React | Git | GitHub

DATA ANALYSIS

SQL | NoSQL

UI / UX DESIGN

Figma | Balsamiq | VIsual Paradigm

PROGRAMMING LANGUAGES

C++ | Java | C | Python

DRIVING LICENCE

Driving Licence: B

WORK EXPERIENCE

BH Telecom Sarajevo, Bosnia and Herzegovina

Information Technology Intern

Dec 2025 – Current

Gained hands-on experience across multiple IT domains including software development, telecommunications systems, server administration, networking, and enterprise communication technologies

Meru Yoga and Health Association Trpanj, Croatia

Coordinator of Volunteers

Jul 2021 – Current

Co-lead a summer camp, organizing workshops and activities to develop various skills, promoting a healthy lifestyle without mobile devices, and recruiting and guiding future volunteers to create a supportive environment

Dance Studio Aster Sarajevo, Bosnia and Herzegovina

Professional Dancer

Aug 2019 – Current

Performed in a wide range of live and televised events, including international dance showcases, gala performances, fashion and beauty shows, and community engagements throughout Bosnia and Europe

Union Bank d.d. Sarajevo, Bosnia and Herzegovina

Database Developer Intern

Sep 2025 – Oct 2025

Contributed to process improvement by enhancing database efficiency in key areas and developing internal applications, gaining practical skills in application development and operations

IDK Studio d.o.o. Bihać, Bosnia and Herzegovina

Full Stack Developer Intern

Sep 2025 – Oct 2025

Developed "Unwind", a full-stack movie library platform with personalized Watchlist and Watched sections, integrated trailers, and an intuitive interface designed to enhance user experience

International Burch University Sarajevo, Bosnia and Herzegovina

Laboratory Demonstrator

Oct 2024 – Jan 2025

Assigned course: Fundamentals of Programming
- Guided students in Python coding and debugging, and reinforced lecture and laboratory concepts through practical demonstrations

International Burch University Sarajevo, Bosnia and Herzegovina

Laboratory Demonstrator

Oct 2024 – Jan 2025

Assigned course: Foundations of Web Development
- Assisted students in mastering the core web development fundamentals and facilitated the successful delivery of course projects

HONOURS AND AWARDS

DEC 2024 Federal Ministry of Culture and Sports

Plaque for Outstanding Contribution to the Realization of the European Heritage Days

Modern Dance Association of Bosnia and Herzegovina

First Place in the National Dance Competition
Years: 2021, 2022, 2023, 2025

Modern Dance Association of Bosnia and Herzegovina

First Place in the International Dance Competition
Years: 2021, 2022, 2023

VOLUNTEERING

APR 2024 – JUN 2024 Sarajevo, Bosnia and Herzegovina

International Burch University

Co-authored a Python programming book, developing and reviewing functions, problem sets, and tutorials to improve learning outcomes for students

APR 2024 – MAY 2024 Loppiano, Italy

New Humanity NGO

Led dance workshops under the HeARTmony project, instructing techniques, promoting collaboration, and driving participant engagement

APR 2024 – MAY 2024 Sarajevo, Bosnia and Herzegovina

International Burch University

Collaborated with a team of students to create an educational Python programming brochure designed to simplify key concepts and support student learning

JAN 2024 – JAN 2024 Sarajevo, Bosnia and Herzegovina

Sarajevo Salsa Congress

Coordinated workshop logistics, collaborated with international instructors, and managed merchandise sales and event coordination

JAN 2023 – JAN 2023 Sarajevo, Bosnia and Herzegovina

Sarajevo Salsa Congress

Prepared workshop areas, supported international instructors, and ensured smooth event activities, including merchandise sales and attendee assistance

AUG 2022 – SEP 2022 Montecatini Terme, Italy

New Humanity NGO

Conducted dance workshops within the HeARTmony project camp, contributing to participant learning, teamwork, and creative development

JUL 2020 – JUL 2020 Trpanj, Croatia

Meru Yoga and Health Association

Supported event planning and execution, guided participants through scheduled activities, and assisted with various operational and technical responsibilities

CERTIFICATIONS

MAY 2019

Web Programming
Issued by: Association of Mathematicians of the Sarajevo Canton & Logosoft

DEC 2018

C++ Intermediate
Issued by: Association of Mathematicians of the Sarajevo Canton & Logosoft

MAY 2018

Introduction to C++
Issued by: Association of Mathematicians of the Sarajevo Canton & Logosoft