

75322 Uppsala

+46 70-140 94 52

muhamed.khatib.236@gmail.com

www.linkedin.com/in/muhamedkhatib236

EDUCATION AND QUALIFICATION

- MSc in Bioinformatics (Link)**

Sep 2022 - Jun 2025

Uppsala Universitet, Uppsala, SE
- BSc in Computer Science and minor in Electrical Engineering**

Oct 2018 - Jun 2022

Dual degree diploma:

- Buckingham University, Buckingham, UK (Link)
 - SSST (Sarajevo School of Science and Technology), Sarajevo, BiH (Link)

WORK & EXPERIENCE

- Working on iNPH as a master thesis project (Link)**

Sep 2024 - Feb 2025

Akademiska Sjukhuset, Uppsala, SE

- Analysed and preprocessed clinical data.
 - Utilised machine learning to predict the outcome of the shunt surgery.
 - Used python programming and Scikit learn for prediction and data analysis.
 - Developed a model with an accuracy of 66% and F1 score of 64% with the available data.
- Teaching Assistant Data Mining course**

Aug 2023 - Oct 2023

Uppsala University, Uppsala, SE

- Utilised programs such as Python and rapid miner.
 - Reviewed and corrected lab assignments to aid in learning.
 - Covered topics such as association rules, classification, and clustering.
 - Provided support to students during lab sessions, offering guidance and addressing questions.
- Teaching Assistant Internet of Things course (IOT)**

Mar 2023 - Jun 2023

Uppsala University, Uppsala, SE

- Reviewed and corrected lab assignments to aid in learning.
 - Explored topics such as COAP, network layers, and using virtual machines.
 - Guided students in lab work, providing assistance and answering questions.
 - Conducted examination sessions to evaluate students' comprehension of lab material.
- Organisational & support team member in the IT department (Link 1) (Link 2)**

Oct 2021 - Dec 2021

Networks INT d.o.o., Sarajevo, BiH

- Facilitated general event support and provided technical assistance.
 - Managed event website updates to provide attendees with current information.
 - Assisted the IT department and support team at the Sarajevo Unlimited 2021 event.
 - Edited and published content provided by team leadership for website maintenance.
- Student Assistant Discrete mathematics**

Mar 2020 - Jun 2020

SSST (Sarajevo School of Science and Technology), Sarajevo, BiH

- Instructed students on number theory fundamentals and mathematical reasoning principles.
 - Guided students through complex mathematical proofs and clarified challenging course concepts.
 - Addressed propositional logic, tautologies, and probability theory concepts to undergraduate students.
 - Tutored students in discrete mathematics problem-solving techniques and provided academic support.

PROJECTS & ACHIEVEMENTS

- Enter club member, as an event organiser.
- Gotland nation member, as a student volunteer for various tasks.
- Start-up "Horalix", participated in building AI med tech software startup.
- WiDS volunteer, promoting awareness and celebrating women in CS field.
- Winter Academy, as a volunteer for introducing students to the CS Department.
- Software Engineering related Courses, created many different software platforms.
- Genome Analysis, Analysed, and compared genomes from given research in the project.
- Hackathon mentor, guiding students to bring ideas to life and solve city-specific problems.
- Library book translator, converting Arabic book titles to English for the university library database.
- SciLifeLab research, as part of a course where I experienced the work and lab setting in Bioinformatics.
- Swedish language, completed 2 levels of Basic Swedish and currently studying advanced level 1 of 3 in UU.

SELECTED SKILLS

Tools	RapidMiner • UPPMAX • Linux CLI • Git • IntelliJ • Blender
Soft skills	Teamwork • Communication • Mentoring • UI/UX design
Languages	Python • Java • C++ • Swift • MATLAB • React native • R
Specialities	Machine Learning • Software Design • Data Preprocessing

LANGUAGES		INTERESTS & HOBBIES	ADDITIONAL LINKS	
Bosnian	Native	Fitness • weight lifting • karate		https://github.com/mimipalys
Arabic	Native	• swimming • skiing • skating •		
English	Fluent	cooking • baking • gaming		https://muhamedkhatib.se
Swedish	B1			
German	A2	• design layout • technology •		

) <https://muhammedkhatib.se>