## Adis Aljic

### Bachelor of Science in Physics



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Portfolio



#### **Profile**

My name is Adis and I am software developer with working knowledge of JavaScript, NodeJs, MySql and Mongo DB. I am Bachelor of Science in Physics(240 ECTS) with areas of competence in Medical Physics and High Energy Physics as well as in teaching Physics. I can describe myself as a team player and if necessary a team leader. Other attributes describing myself are objectivity, ambitious, responsibility and committed.

In addition I have excellent communication and people skills wich I have developed during my education and my part time jobs. One of jobs that mostly improved my communication and people skills in general is being tutor for Math and Physics to students and High School children.

#### Personal Information

Birth date: 19-09-1989

Nationality: Bosnia and Herzegovina

Driving license: B, C

#### **Education and seminars**

BILD IT 2022 – present

University of Tuzla, Faculty for Mathematics and Natural Science / Bachelor in Physics 2008-2015

High School of Electrical Engineering/ Mechatronics 2004-2008

Split School of High Energy Physics 2015

Sarajevo School of High Energy and Medical Physics 2014

International Workshop on LHC, Astrophysics, Medical and Environmental Physics in Shkodra, Albania 2014

Winter School for talented children in Physics, organized by University of Tuzla 2004

#### Languages

English: very good (Understanding C1, speaking B1, writing B1)<sup>1</sup>

**Serbo/Croatian: excellent** (Understanding C2, speaking C2, writing C2)<sup>1</sup>

**German: basic** (Understanding A1, speaking A1, writing A1)<sup>1</sup>

## <sup>1</sup> grading scale of the common European framework of reference for languages

#### Work experience, seminars and activites

#### Software Developer

Arena stage in Paragon full stack program

November 2022

BILD IT 2022 – present

Mentor and co-lead at two workshops in TSI 2022

July 2022

#### **Participated**

CEO Warm-up conference in Tuzla	2015	
Tuzla Summer Institute	2014	
High School festival of work in Srebrenik	2006	

#### Member

Member of NGO ORC Tuzla	2015-present
Member of Astronomical Society "Pleiades" Tuzla	2013-present
Member of charity organisation "Bolja buducnost"	2012-present

#### Physics professor

Elementary and High Schools in Tuzla Canton and RS 2015-present

#### Internshin

Unpaid internship at University Clinical Center 2014-2015

#### Part time job

Elcom Company	2008
Private tutor for Physics and Math	2006- present
Private translator from English to ex-Yu languages	2006- present
Various summer jobs	2005 - present

#### **Projects**

Collecting books for two elementary schools in Tuzla Canton 2015

#### Languages and computer skills

Languages/frameworks/librarys/tools: HTML, CSS, Materialize CSS, JavaScript, NodeJs, Jquery, MySql, MongoDB, SASS, Postman

Currently learning: React

IT

In February 2022 I started BILD IT program where I started learning programming and I realized that I actually love programming. Since then I have been learning HTML, CSS, SASS, JS, MYSQL, MongoDB, NodeJs as well some libraries like MATERIALIZE CSS. Also I learned working with tools like Postman. Currently I am learning React.

In July 2022 I was co-lead in two workshops in TSI 2022 held in Medresa Tuzla.

Some of my project you can find on my portfolio as well on my GitHub account.

#### **Physics Teacher**

Since graduation I worked in several Schools in area of Tuzla Canton and RS as Physics teacher.

#### Internship at University Clinical Center Tuzla, Bosnia and Herzegovina 2014-2015

From November 2014 to February 2015 I had internship graduation assignment which I completed at University Clinical Center Tuzla.

I took my graduate thesis from the subject Medical Physics, theme: "Planning Radiotherapy and calculation doses for middle aged patient with brain tumor".

I worked with program XiO 4.4.00 and Radiotherapy is done at linear accelerator Synergy Elekta.

In those 4 months I sufficiently mastered the program for planning Radiotherapy and I used those skills to independently plan Radiotherapy for middle aged patient with brain cancer.

Also I gained experience and knowledge in process of preparing patient for Radiotherapy and generally about the Radiotherapy. I passed my graduation thesis with grade 10.

#### Part time job at Elcom Company 2008

In September 2008 I had a summer job at Elcom Company doo. I was a volunteer for ELCOM Company in association with High School of Electrical Engineering on project "Green wave" in Tuzla.

I coordinated team of 10 people at this project.

In this job I improved my leadership and teambuilding skills, as well as communication skills.

#### Part time job as private tutor for Physics and Math 2006- present

Since High School I work as private tutor for Physics and Math.

I am working with older students and High School children and at this job I have mastered my people skills.

# CEO Warm up conference in Tuzla 2015/ High School festival of work in Srebrenik 2006/ Several summer jobs including sales 2007-present

First time when I realized that I have interest in entrepreneurship is in High School when my team win prize for one of tree best business plan in Tuzla Canton for our product, LED indicator for accumulator.

Since High School, beside from my love to Physics, I also have a lot interest in entrepreneurship, more accurately social entrepreneurship. During my studies I worked few summer jobs which including sales and that experience helped me to see how is to be employee and it has built up my people skills.

Main reason why I participated in CEO conference in Tuzla in November 2015 is because in future I have plans to start my own social entrepreneurship which will be able to help my community.

