



BOJANA ZHIVANOVA, 22

HARD WORKING, QUICK LEARNER, PERSISTENT

Skopje, Macedonia



WORK EXPERIENCE

Vision Dynamix

INTERN

Jun 2017 - Sep 2017

- Digital image processing of drone captured NDVI images of crops, for the purpose of detecting unhealthy plants
- Image stitching and creating 3D maps in Python for NDVI digital image processing and getting result images from NDVI mapping



LAST YEAR AT FACULTY OF ELECTRICAL ENGINEERING & IT Major: Computer Technologies and Engineering



Experience with Digital Image Processing, Databases and Robotics



Knowledge in Python, AI, Machine learning, Neural Networks and Data Science.

PROJECTS

Web application for storing Patient Data

- This project was part of the course DataBases. It's main purpose was to create an application where doctors can easily access patient data. This would simplify the process of making the diagnosis and planning the treatment. I was creating the Database, drawing the ER diagram and writing the SQLs

Robotic Arm that solves Sudoku

- Project that involves digital image processing and robotics

NDVI Image Processing in Python

- Digital image processing of drone captured NDVI images of crops, for the purpose of detecting unhealthy plants

Stock Market Analysis with Machine Learning and Neural Network

CREATIVE & SOCIAL SKILLS

ORGANIZATION	★★★★★
ADAPTABILITY	★★★★★
CREATIVITY	★★★★★
CRITICAL THINKING	★★★★★
COMMUNICATION	★★★★

TECH SKILLS

Python	★★★★★
Ubuntu	★★★★
Machine Learning	★★★★
C++	★★★★
SQL	★★★★★
JavaScript	★★★★★
NodeJS	★★★★

COMPETITIONS & SEMINARS

Robomac

- Automated movement of Sphero 2.0 robot with avoiding obstacles and track planning from image with image processing in Python
2017

ETAI Conference

- Organized by the Society for Electronic Telecommunications Automatics and Informatics of the Republic of Macedonia
- Design and application of a 2 DOF (Degrees of Freedom) robot manipulator playing a Sudoku game
2016

LANGUAGES

ENGLISH	Proficient User
MACEDONIAN	Native Speaker

HOBBIES

READING, PLAYING BOARD GAMES, EXERCISING, PLAYING COMPUTER GAMES



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FORMAL EDUCATION

B.Sc. in Computer Technologies and Engineering,
Faculty of Electrical Engineering and Information Technologies

UNDERGRADUATE SCHOOL

2014 - PRESENT

Ss. Cyril and Methodius University in Skopje, Macedonia



LAST YEAR AT FACULTY OF ELECTRICAL ENGINEERING & IT
Major: Computer Technologies and Engineering



Experience with Digital Image Processing, Databases and Robotics



Knowledge in Phyton, AI, Machine learning, Neural Networks and Data Science.

VOCATIONAL EDUCATION

Back-End Software Engineer

NEWMAN'S BUSINESS ACCELERATOR

JAN 2018 - MAR 2018

- HTML and CSS: Design and Build
- JavaScript Development
- Database Design and Development
- Web Application Development
- Practical excercises

CREATIVE & SOCIAL SKILLS

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