Javad Ibrahimli

CYBER SECURITY ENTHUSIAST · ELECTRONICS AND COMMUNICATION ENGINEERING STUDENT

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Personal Profile

As a motivated and detail-oriented Electronics and Communication Engineering sophomore at Istanbul Technical University, I have a keen interest in the fields of IT and Cyber security. One of my primary career objectives is to leverage the power of AI in enhancing cyber security. In addition to my academic pursuits, I am an active member of the autonomous group at ITU ZES SOLAR CAR TEAM, where I collaborate with my team to design and develop sustainable transportation solutions. I am responsible for autonomous systems. With a strong commitment to excellence, I am confident that my passion for technology and ability to work effectively within a team will make me a valuable addition to any organization.

Education

Istanbul Technical University
Istanbul, Turkey

BSc in Electronics and Communication Engineering
Oct 2021 - Current

- Chooses elective courses related to IT, Cybersecurity and Programming.
- **Courses:** Engineering Mathematics, Signal Processing, Knowledge Representation, and Reasoning, Complex Numbers, Learning Skills through Case Studies, Probability and Statistics, Electronic Circuits, Linear Algebra

High School named after Kamil Ayyubov
Baku, Azerbaijan

High School
Sep 2010 - June 2021

- Passed with Distinction
- Specialised in Physics, Chemistry, and Maths with Computer Science

Work Experience

ITU ZES Solar Car Team
Istanbul, Turkey

Autonomous Systems Engineer
Feb 2023 - Now

- Designing and implementing advanced autonomous features for the solar car
- Leveraged my expertise in machine learning, computer vision, and sensor technology to develop innovative solutions for autonomous navigation, obstacle detection, and safety
- **Skills:** Python, C++, Ubuntu, ROS, Object Detection, Perception, OpenCv

Istanbul Technical University
Istanbul, Turkey

Student Assistant
Dec 2022 - Now

- Adding coding assignments to in-class files and GitHub, providing students with the opportunity to practice and apply the concepts they were learning.
- Regulating technical tasks such as setting up equipment, troubleshooting technical issues and making sure that the course runs smoothly.
- Updating the course slides, ensuring that they were accurate and up-to-date with the latest information and industry developments.

World Coffee Portal
Online

Price Analyst
Feb 2023 - Mar 2023

- Collecting and recording beverage prices of the most popular types (filter coffee, cappuccino, and latte) from branded coffee chains across Istanbul.
- Analyzing the data collected to determine the average beverage prices for each branded coffee chain across Istanbul.
- Ensuring that the data collected is accurate and up-to-date, and that all relevant details (e.g. location, chain name) are recorded

Upwork
Online

Freelance Programmer
May 2022 - Nov 2022

- Completed the software tasks requested by the customers within the given time
- Automated and optimised the data handling process for traffic signs, working with Ubuntu 20.04 did shell scripting, and employed other Linux tools.
- Significantly boosted the model's accuracy by 60%, which was yielding an accuracy of 70-78% under Indian street light. The older models, had an accuracy of 10-15%.

Cyber Security Platform Azerbaijan
Baku, Azerbaijan

Content and Coding Moderator
Feb 2021 - Nov 2021

- Prepared visuals and adapted narrative texts for videos in the field of Ibformatics and software.
- Automated and optimised the data handling process for traffic signs, working with Ubuntu 20.04 did shell scripting, and employed other Linux tools.
- The Cyber Security Platform is an internationally accredited cyber security platform that was established in 2019 by the information security collective to support the development of the cyber security ecosystem and educational infrastructure in our country and which combines 4 main and 2 auxiliary structures.

Projects and Certificates

Google IT Support Certificate
Coursera

Google
Feb 2022 - Apr 2022

- Learned to perform day-to-day IT support tasks including computer assembly, wireless networking, installing programs, and customer service
- Learned how to provide end-to-end customer support, ranging from identifying problems to troubleshooting and debugging
- Learned to use systems including Linux, Domain Name Systems, Command-Line Interface, and Binary Code
- **Technical Skills:** Linux, Networking, Command Prompt, Scripting.
- **Soft Skills:** Time Management, Teamwork, Presentation skills, Report writing.

IT Fundamentals for Cybersecurity
Coursera

IBM
May 2022 - Aug 2022

- Learned the about Local Area Networks, TCP/IP, the OSI Framework and routing basics
- Learned the phases of an incident response, important documentation to collect, and the components of an incident
- **Technical Skills:** Linux, CIA Triad, Bash.
- **Soft Skills:** Presentation skills, Leadership, Logical Thinking.

GitHub Projects
Istanbul, Turkey

Online
Dec 2019 - Now

- Develop projects in the field of automation, software and algorithms
- Entered the list of the most contributed accounts in Github Azerbaijan.
- **Technical Skills:** Python, C, Matlab, R Markdown, Anaconda Notebook, HTML/CSS
- **Soft Skills:** Report writing, Presentation

Medium Articles
Istanbul, Turkey

Online
May 2021 - Now

- Write articles on topics such as cyber security, automation, IT and Machine Learning.
- **Series:** Javad explains in 3 minutes, OSINT Framework, Automation diaries, Cyber development

Skills

Programming	Python (Pandas, PyTorch, NumPy, matplotlib. etc.), R(ggplot2), C, HTML/CSS, ROS, Lanelet2, OpenCv
Miscellaneous	Linux, Shell (Bash/Zsh), LaTeX(Overleaf/R Markdown), Googling, Tableau, Microsoft Office, Github, Git, MATLAB, Cryptology
Soft Skills	Time Management, Teamwork, Problem-solving, Documentation, Adaptation, Working Under Pressure.

Achievements

2023	**Chosen participant of Cyber Take Off 2023**, One of the 160 people selected from the applications	*Turkish Technology*
2021	**1410/1600**, Scholastic Aptitude Test (SAT)	*Azerbaijan*
2021	**C1**, Turkish Proficiency Exam	*Turkey*
2021	**Scholarship Winner**, C|EH Practical Scholarship)	*Azerbaijan*
2020	**8.0/9.0**, International English Language Testing System (IELTS)	*Azerbaijan*
2019	**Winner**, Azerbaijan Student Informatics Olympics	*Azerbaijan*
2016	**Participant**, The final stage of the 1st Logic Olympiad named after Lotfi Zadeh	*Azerbaijan*

Interests

Googling	Being one of the most important features of daily played a great role in my development.
CTF Puzzle	One of the activities that I started when I was in high school and that has improved me the most on cyber security.
Technical Writing	I write descriptive blogs about technology. Some of them are on my GitHub and Medium.
Fitness	I do regular sports because it increases my work performance and endurance.
Music	Sometimes I listen to music because it relaxes and motivates me.
Online Learning	Coursera, EdX, Udacity.

Languages

English	Professional proficiency **(IELTS Score - 8.0)**
Turkish	Native proficiency **(Turkish Proficiency Exam Score - C1)**
Azerbaijani	Native proficiency
Russian	Limited proficiency

References available upon request.