

Fahmin Guliyev

STUDENT · CYBERSECURITY ENTHUSIAST

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“Be the change that you want to see in the world.”

Education

Politecnico di Milano (Polytechnic University of Milan)

MSC. IN COMPUTER SCIENCE AND ENGINEERING

- Specialized in Cybersecurity.

Milan, Italy

Sep. 2021 - Current

Université de Strasbourg (joint program with French-Azerbaijani University)

BSC. IN COMPUTER SCIENCE

- GPA 96.6/100.
- Graduated with high Honors.
- Diploma of both University of Strasbourg and Azerbaijan State Oil and Industry University.

Baku, Azerbaijan

Sep. 2017 - Aug. 2021

Skills

DevOps & Tools	Docker, Software Development, Git, Doxygen, LaTeX, Figma
Cybersecurity	Social Engineering, OSINT, Advanced Information searching, Penetration Testing, Kali
Web	HTML5, CSS, REST API, Node.JS, Express, React, UI Design
Programming	Algorithms, C, Python, JAVA, PHP
Languages	English, Turkish, Azerbaijani, French, Russian

Experience

Azercosmos OJSC.

SOFTWARE DEVELOPER INTERN

- Creation of Web-based GIS platform from scratch.
- Developed interactive and efficient GIS mapping application and platform to load, store, fetch and visualize the provided data.
- Learned and used latest web and WebGIS technologies available to deliver the requirements of internship.
- Bundled and deployed the full-stack web application to Github Pages developed with Node.JS, OpenLayers and PostgreSQL serving as database.

Baku, Azerbaijan

Mar. 2021 - Jun. 2021

Educational Institute of the Republic of Azerbaijan

FULL-STACK WEB PROJECT

- First Bug Bounty Platform of Azerbaijan, chosen as the best project among others.
- Developed the back-end with Node.JS using best APIs and libraries offered.
- Implemented and used the most secure encryption algorithms to store passwords and other personal information.
- Designed unique logo, animations, high-level interface and the whole web application front-end using React.

Baku, Azerbaijan

Dec. 2019 - Jun. 2020

Projects

O-sci-Lator (OCR Powered Scientific Calculator)

DEVELOPER & DESIGNER

- Developed a full-stack web application satisfying all the possible requirements of what modern scientific calculator can operate.
- Powered with an OCR API that has been trained and developed under the famous LeNet model.
- Multifunctional calculator in spheres such as chemistry and physics besides simple math.
- Developed a functionality being able to recognize handwriting.

o-sci-lator.me

Mar. 2021 - Apr. 2021

Conway's Game of Life - "C" implementation

DEVELOPER

- Implemented a full linked list data structure from scratch to achieve the purposes of the game.
- Implemented the famous Game of Life by John Conway in C language.
- Developed the game helping achieve low level access to graphics hardware with th libraries such as SDL.
- Made use of the American National Standards Institute (ANSI) standards for an extra approach of the development.

Baku, Azerbaijan

Jan. 2020 - Apr. 2020

Signature Hiding - Image Processing

Baku, Azerbaijan

DEVELOPER

Nov. 2019 - Jan. 2020

- Coded a C program checking and confirming the validity of digital signatures by hiding secret text inside the signature.
- To provide a 100% validness the secret text is stored inside the signature as BMP pixels written in morse code.
- To check the validity of the signature, the pixels that were known from previous encoding are checked through the program if they and the date it was signed match.

visAS - Visual Assistant for people with disabilities

Baku, Azerbaijan

DEVELOPER

Feb. 2018 - Jun. 2018

- Developed a desktop application that is oriented helping towards the very problem people with hearing disabilities generally encounter in society.
- Created and designed multiple animations with Unity and Blender that uses sign language of whose logic is built on top of C#.
- Bundled and builded the entire application to .apk file to easily serve the users on Android platforms.

Extracurricular Activity

THALES Group

France

STUDENT

2019 - 2020

- Got the opportunity to be taken into the study program held by THALES company for Computer Science students.
- Mastered and successfully presented "Interlocking in Railways" topic as final presentation.

International Institute of French Studies

Strasbourg, France

PARTICIPANT

2019

- Chosen as one of the top students for summer school in France due to the academic achievements 2018-2019.
- Participated in the French language courses offered by the IIEF (International Institute of French Studies).