AHMED SEBAA

Birthday : 29/05/1997

Laghouat, Algeria

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Personal resume:

A STEAM teacher and passionate learner whom loves all kind of science from various fields, especially physics computer science, programming and technology. Aiming at applying this knowledge combined with skills to invent smart solutions for problems.

Strives to simplify things in order to make STEAM lessons easy to understand for all students.

PROGRAMMING LANGUAGES

- C++
- JAVA
- Python
- HTML
- CSS
- JS

LANGUAGES

- English
- Arabic
- French

@sbsev3

Curriculum Vitae

WORK EXPERIENCE

2023 — Physics + STEAM teacher
Khalifa Belhassen middle School + Delta Pro School, Algeria

Physics/computer science teacher at Khalifa Belhassen public middle school. + STEAM trainer for all classes at the Delta Pro School of Technology.

2021 — Physics/ IT trainee teacher
18th February middle school, Algeria

A physics / computer science trainee teacher at 18th February public middle school in the municipality of Hassi Dalaa in Laghouat .

2020 — Robotics & electronics teacher
Delta Pro School, Algeria

A junior robotics class trainer and programming/ electronics teacher for all majors' classes at the Delta Pro School of Tech.

2015 — Volunteer teacher
Laghouat Scientific center, Algeria

A Volunteer Programming/ Robotics teacher for children and electronics for adults at Al-Jazari Robotics Club and others.

EDUCATION

2023 — MSc Advanced Microelectronics
University of Amar Telji, Algeria

Graduation and obtaining a master's degree in the Faculty of Electronics, majoring in Highly Advanced Microelectronics .

2020 — Graduated from ENSL Institution
Higher education institution, Algeria

Graduated from Higher education institution of teachers (ENSL) with the degree of middle school teacher specialty physics and technology.

2016 — Math and physics Institution
Higher education institution, Algeria

Upgraded to Higher education institution of teachers training (École Normale Supérieure de Laghouat "ENSL") to become a certified teacher of physics & STEAM.
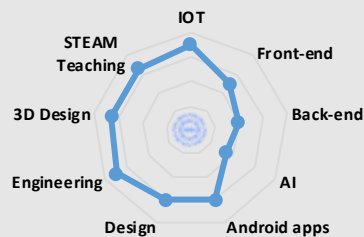
2015 — Math and computer science
University of Amar Telji, Algeria

First year bachelor student in Math and Computer science at the math, informatics department of Amar Telji university in Laghouat .

DEVELOPMENT SKILLS SKILLS

IOT, Front-end, Back-end, AI, Android apps, Design, Engineering, 3D Design, STEAM Teaching

AWARDS

2019 — Best Smart Invention
Algerian National Olympiad of Science and Technology.
Algeria — Laghouat

2020 — Youth Excellence Award
Competition organized by the Scientific Center.
Algeria — Algiers

2022 — Best Robotics Coach
The 13th Arab Open Championship for Robotics & AI.
Egypt — Sharm El-Sheikh

2023 — 2nd golden innovation project.
The 14th Arab Championship for Robotics & AI.
QATAR — Doha

SOFTWARE SKILLS

- Orcad PSpise
- Premiere Pro
- Android Studio
- Microsoft Office
- Wondershare Filmora
- Arduino
- After Effects
- Audition
- Photoshop
- Illustrator

HOBBIES

- Traveling
- Writing
- Invention
- Charity work
- 3D Printing

AHMED SEBAA

Work experience: 5 years

Laghouat, Algeria

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Personal resume

As a STEAM teacher and avid learner, I have a strong passion for all aspects of science across a variety of fields, with a particular focus on physics, computer science, programming, and technology. With this knowledge and my unique set of skills, I am driven to develop innovative solutions to complex problems. One of my core values is to simplify concepts and present them in a way that is accessible to students of all backgrounds and abilities, in order to facilitate their understanding of STEAM lessons.

PERSONAL LOGO

EMAIL LINK QR CODE

@sbsev3

PRACTICAL SKILLS

- Expertise in modern STEAM technology, with a focus on robotics.
- Skilled in design and 3D printing.
- Proficient in back-end/front-end website development.
- Proficient in programming mobile applications for the Android system.
- Experienced in editing videos and applying visual effects.
- Capable in graphic design, photo editing, and photography.
- Accomplished in writing books and poems in classical Arabic, with fluent English speaking abilities.
- Experienced in programming with a variety of languages and modern technologies.
- Proficient in using a wide range of computer and phone programs.
- Five years of experience in teaching various sciences with a demonstrated ability to simplify complex concepts in a clear and concise manner.

PARTICIPATION IN CLUBS AND ASSOCIATIONS ACTIVITIES.

- The Al-Khwarizmi Science and Technology Club at the Scientific Entertainment Center in Laghouat, Algeria.
- The Al-Jazari Club for Robotics and Electronics at the Scientific Entertainment Center in Algeria.
- The Sohail Association for Astronomy and Space Sciences at the Scientific Entertainment Center in Laghouat, Algeria.
- The Phoenix Club at Ammar Thaliji University in Algeria.
- The ItQan Club at the Ecole Normale Supérieure of Laghouat in Algeria.

PARTICIPATIONS AND COMPETITIONS

Activity Type	Location	Time
Open day For Amar Teldji university	Laghouat, Algeria	2023
Arab Open 14th Championship for Robotics and Artificial Intelligence.	Doha, Qatar	2023
Representation of Ammar Teldji University at the technology exhibition of the inauguration ceremony of the National House of Artificial Intelligence	University of Algiers 1 "Youssef Ben Khdha"	2023
Arduino Day event at the Scientific Entertainment Center of Al-Jazari Club and Delta School of Robotics and Programming	Laghouat, Algeria	2020, 2022
Arab Competition for Artificial Intelligence and the Internet of Things (IOT-AI)	Algeria	2022
Arab Open Championship for Robotics and Artificial Intelligence	Sharm El-Sheikh, Egypt	2022
Algerian Educational Robot Championship	Batna, Setif, Algeria	2021, 2022
Algerian National Challenge for Startups	Online	2021
National Olympiad for Automated Media at the Palace of Culture Mufdi Zakaria	Algiers	2020
National Forum for Artificial Intelligence and Technology (technical path)	Laghouat, Algeria	2021
Scientific and Technological Day event at the Higher School for Teachers	Laghouat, Algeria	2019
Science Day event at the Scientific Entertainment Center	Laghouat, Algeria	2019
Open day to the university within the Phoenix Club	Laghouat, Algeria	2018

CURRENT PROJECTS

- Implementation of an integrated educational program to facilitate the integration of robotics and programming into the Algerian educational system.
- Development of a set of multi-tasking software and making it open source to summarize the experience gained.
- **SBS Studio**: A graphic design, montage, and programming studio that creates logo packages, posters, introductory videos, and other multimedia assets for a wide range of clubs, associations, and official projects.
- **SBS School**: An educational YouTube channel for university students that provides simplified lessons in various fields, with over 2,000 subscribers.
- **KTalk English**: A program that teaches public speaking skills in English in an updated and distinctive way .

COMPLETED INVENTIONS AND INVENTIONS UNDER DEVELOPMENT

- Smart speaker device.
- Three-dimensional hologram device.
- 3D mirror device.
- SBOX smart box device.
- CNC Machine miniature printer.
- Miniature radar device.
- S Car Mini Smart Car.
- GazBox Gas Leak Protection Device.
- Projects involving 3D printing & robotics.
- Smart Mirror.
- Quad-Engine Drone.