



WAE ABDELLA

Developer

PROFILE

I am a motivated and hard-working graduate with a proven record of working under pressure. I have excellent communication and am always learning and keeping up with the industry.

CONTACT

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[Wael's Website](#)

LANGUAGES

Arabic
English
Amharic

EDUCATION

Computer Science – Digital Systems Security Graduate

University of Wollongong Dubai
September 2016 – December 2020

WORK EXPERIENCE

Premier Genie - Teacher
5 months

Taught children from elementary up to high school coding and robotics, including Android development and Python.

SKILLS

Web Development
C++, Java and many more
SQL
Digital Security

C++ PROJECTS

Breaking the Vigenère cipher: Created a C++ code that can take any Vigenère cipher and return the original text with the keys used for the entire text.

Created my own CBC: the Crypto++ library does not have an understandable documentation so in an assignment where I needed to use a Block cipher mode of operation I simply created my own and promptly broke it using its own vulnerability.

JAVA PROJECTS

Friend Finder: Created a Java project that helps new students make friends on campus by matching them with other people who they share the same interests as them.

Driver assistant: Created a Java project for my final year assignment where you can use an OBD-II reader on your car connect it to your device and then promptly use it to scan for any problems in your car.