

# Youssef Mohamed Tawfik

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• [github.com/yousseftawfik11](https://github.com/yousseftawfik11) • [yousseftawfik.me](http://yousseftawfik.me)

## Education

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- **INTI International University** Nilai, Malaysia  
BCS in Software Engineering Dual Degree with Coventry University UK Expected Graduation: December 2022
  - CGPA: 3.51
  - Dean's List: 2 Semesters
- **Saint Fatima International School (British Division)** Cairo, Egypt
  - A-levels: Math, Physics
  - O-levels: Economics(A\*), Physics(A), ICT(A), Biology(A), Math(B)

## Experience

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- **Software Engineering internship at Dell Technologies Malaysia** 8/2022 - 12/2022
  - Placed in Middleware L2 Team
  - Developed a platform for the team's internal process to assign implementers to tasks.
  - Replaced a redundant process by proposing a solution on ServiceNow platform.
- **Front-end Development team training in Etisalat Misr** 12/2021 - 1/2022
  - Worked closely with the front-end team while working on the Etisalat online shop new UI/UX design.
  - Was assigned tasks to create the Etisalat sport responsive app design using HTML, CSS, and Bootstrap
  - Got introduced to Ionic framework and applied it to Etisalat sports App UI.

## Skills

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- **Software:** Visual Studio, Android Studio, SQL Server Manager, GitHub, CISCO Packet Tracer, SAP Enterprise Resource Planning, ganache blockchain
- **Programming Languages:** C++, C#, Java, Python, SQL, MYSQL, Solidity
- **Web Page Development:** ASP.NET, HTML, PHP, JavaScript, Node.js, web3.js, CSS, Bootstrap

## Projects

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- **Final Year Project:**
- **Managing Lifetime Medical History Data using Blockchain Technology with Fast Retrieval**
  - Decentralized web application to create and store patients' medical records and be viewed by patients and doctors.
  - Patients retrieve their medical records by the fast retrieval feature using QR code technology
  - The decentralized app is developed using Web3.JS, Express.js, Solidity, Ethereum blockchain, Truffle
- **Coursework:**
- **University Web Portal PHP web Application**
  - PHP web portal for university students and doctors
  - Students can enroll to subjects, make subject payments, and generate timetables
  - Doctors generate QR code to be scanned for attendance, view statistics for attendance rate and view their timetable
  - The web app was made using PHP, HTML, CSS, JavaScript, MYSQL and Bootstrap
- **Vaccination Android Application**
  - App to learn more about the government offered vaccinations
  - Signing up to take an appointment for vaccination
  - Algorithm to decide which vaccine is suitable for the registered user
  - The app was built using Java connected with SQLite database and CRUD features for admins
- **Freelancing:**
- **Tornado Team**
  - Task distribution, management, and monitoring PHP web application for a team of 70 members
  - The application has several access levels
  - Creating tasks, editing tasks, tasks calendar, email alerts using cron jobs
  - The web application was developed using PHP, JavaScript, HTML, CSS, Bootstrap, MYSQL Database
- **CliniCo**
  - A Patient Records System desktop app for clinics
  - Doctors use it to store patients' information on the database and track all the notes, medications given and date
  - The app was built using Java and local database SQL server manager for security of data.

❖ For more details and screenshots related to the projects please check my website link above

## Certificates

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- CCNAv7: Introduction to Networks
- Shopee Code League Participation Certificate
- Dell Hack2Hire Event Participation Certificate
- Edufye 2-day Microsoft virtual bootcamp
- The Python Coding S.T.E.P.S. Online Course Graduation
- Introduction to Enterprise Resource Planning SAP

## Extracurricular Activities

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- **Microsoft Student Ambassador** 8/2020- 12/2020
  - Social Media Program Content Leader
- **INTI University Student Ambassador** 1/2021 – Present
  - Committee for organizing return to face to face event
- **Basketball Career:**
  - 2015 International Friendly tournament in Hungary champion with U14 Egyptian National Team
  - 2019 National Highschool Championship 1<sup>st</sup> place
  - 2021 U20 Cairo Championship 3<sup>rd</sup> place