



Ahmed TRIGUI

Software developer

22 years old



CONTACT

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PROFILE

I am a 22 years old passionate guy. I am a skilled software developer and computer vision consultant. I'm very enthusiastic to learn new things and grow professionally.

COMPETENCIES

- **Web:** HTML5 - CSS3 - Bootstrap - JavaScript - JQuery - JSON - PHP - Flask - Jinja
- **Desktop:** Java - Awt - Swing - JavaFx - FXML
- **Mobile:** Java - XML
- **Embedded:** Labview - VHDL - C - C++ - Python - Assembly
- **Computer Vision:** OpenCV - MediaPipe - YOLOv5 - PyTorch
- **Operating Systems:** Arch Linux - Debian Linux - Windows
- **Database:** JDBC - MySQL - SQLite
- **Data Modeling:** UML
- **Cloud:** Google Colaboratory - GitHub

PERSONAL EXPERIENCES

February-June 2022 | [Web and Computer Vision Developer](#) | 868 solutions

Development of an AI Video Surveillance Analytics Platform:

- Real-time face mask surveillance and demographic analytics using tracking by detection state of art and a motion heatmap generator using image processing.
- Responsive website with client and admin dashboard using Bootstrap frontend, Flask and Jinja for the backend and SQLite database.

August 2021 | [Desktop Application Developer](#) | [OACA Sfax-Thyna](#)

- Development of a Desktop application for medical stock management with JavaFx framework, FXML and SQLite.
- Real-time Alert system for expired and hors stock drugs.

June-July 2021 | [Moderator - QA](#) | [DataNomad](#)

- Data labeling for French speech recognition task.
- Test and Validation .

August 2020 | [Graphic Designer](#) | [STE HORIZON](#)

- Urban communication.

INDEPENDENT PROJECTS

2022 | [Automated YouTube Viewer](#)

- YouTube auto view bot using Selenium Automation Framework with python.
- Use of a random User Agents and Proxies to prevent YouTube detection.

2022 | [Leap Motion Controller](#)

- Hand Gestures computer controller with Media Pipe computer vision library.
- The software allows users to fully control their computers like mouse control, keyboard typing, swipe slides in presentations, turn volume and brightness up and down and much more...

2021 | [Email Marketing Software](#)

- Development of a Bulk Mailer software using Java Swing, PHP and MySQL .
- Track receivers IP addresses, operating systems and the date time of the seen mark using web beacon.

2021 | [Library Management System](#)

- Development of a library management software using Java Swing and MySQL database.

2020 | [Snake Game](#)

- A fun Snake game with Java Swing.

CERTIFICATIONS

2021 | [Microsoft Technology Associate: Introduction to programming using Java.](#)

2020 | [Microsoft Technology Associate : Introduction to programming using JavaScript.](#)

2020 | [Microsoft Technology Associate : Introduction to programming using Python.](#)

FORMATIONS

2022 - [License in Information and Communications technology](#) | [Internet of Things- ENET'COM Sfax](#)

2019 - [Baccalaureate](#) | [Computer Science](#) - 9 avril 1938 Sfax