BECHIR KARMENI

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Proficient in spoken and written English, French, Arabic, and German languages.

HIGHLIGHTS

Solution Driven, Detail Oriented, Proven competencies in Problem Solving, Persuasive and Effective Communication along with Teamwork Spirit, Strong Analytical and Quantitative skills with proficiency in Artificial Intelligence.

SKILLS SUMMARY

- **Languages**:   Python, C++, C, SQL, JAVA, CSS, HTML, JavaScript, PHP
- **Frameworks**:   Scikit-learn, TensorFlow, Keras, Flask, PyTorch, NumPy, Pandas, Matplotlib
- **Tools**:   Docker, GIT, Power BI, MySQL
- **Platforms**:   Linux, AWS

EDUCATION

- **Ecole Polytechnique Sousse** — Sousse, Tunisia
  Bachelor of Software Engineering and Information Technology — *Sep 2021 - Present*

EXPERIENCE

- **CodeClause** — Aug 2023 - Sep 2023
  Artificial Intelligence Developer (Internship) — *Remote*
  - : Creating a model to detect the Road Lane.
  - : Creating a Self Driving Car Using Udacity Simulation.
  - **Key Words**: Image processing techniques, Front-end Development, OpenCV library usage, Data labeling and preprocessing, Data Collection, Simulation

- **Vecteur Industrie** — Jan 2022 - Jun 2022
  Front-End Developer (Part-time) — *Hybrid*
  - : Developing and implementing user interface components using HTML, CSS and JavaScript.
  - : Responsible for profiling and improving front-end performance and documenting the front-end codebase.
  - **Key Words**: User Interface (UI) Development, Cross-Browser Compatibility, Web Development, User Experience (UX), HTML, Css, JavaScript

- **ADN EXPERTISE** — Jul 2022 - Sep 2022
  Machine Learning Developer (Internship) — *Hybrid*
  - : Extract reports from a database using Power BI.
  - : Creat a recommander system Using Machine Learning.
  - **Key Words**: Power BI, Data Visualization, Data Analysis, Report Extraction

PROJECTS

- **Health And Care**: (Dec 2022 - Apr 2023) "Pioneering AI-driven Health And Care project, revolutionizing disease detection and healthcare accessibility from the convenience of one's home." **Key Words:** Python, Machine Learning, Random Forest, CNN, VGG-16, XGBoost   Click here for more information
- **Self Driving Car**: (Sep - Oct 2022) "Train a Deep Network to drive autonomously using Udacity Simulator after collecting data" **Key Words:** Python, Deep Learning, Keras, Convolutional Neural Networks.   Click here for more information
- **Traffic Sign Recognition**: (Nov 2022) ""Developed a deep neural network model for classifying traffic signs with 95 accuracy, contributing to the advancement of autonomous vehicle technology and enhancing traffic sign interpretation capabilities." **Key Words:** Classification, CNN model, Deep neural network.   Click here for more information
- **HandWritten Digit Recongnition**: (Dec 2022) ""Researched and compared machine learning and deep learning algorithms for handwritten digit recognition, utilizing SVM, MLP, and CNN, with a focus on accuracy and training time." **Key Words:** Classification, CNN model   Click here for more information
- **Connective**: (Feb 2022 - Mar 2022) ""Revolutionizing energy monitoring with Connective: A project utilizing ESP32, SCT013 sensor, and machine learning to track usage and predict costs."" **Key Words:** Python, Flask, HTML, Css, JavaScript, Machine Learning   Click here for more information

CERTIFICATION

- **Problem Solving (Intermediate), Issuing organization: HackerRank** : Issue Date: 09 August 2022   See Details
- **Professional Data Analyst, Issuing organization: DataCamp** : Issue Date: 05 April 2022   See Details
- **Data Scientist Career Track, Issuing organization: DataCamp** : Issue Date: 06 March 2022   See Details
- **Getting Started with AI on Jetson Nano, Issuing organization: Nvidia** : Issue Date: 30 october 2021   See Details

Honors and Awards

- Third Prize Win at the Tunisia e-Health Valley Hackathon - Issued by Opalia Recordati · Sep 2023 See Details

- First Prize in Artificial Intelligence Night Edition - Issued by ARSI · Apr 2023 See Details

- First Prize in Start It Up Hackathon First Edition - Issued by Junior Entreprise Eniso · Mar 2023 See Details

- First Prize in GIZ Hackathon First Edition - Issued by Junior IEEE Faculty of Scienece Tunis · Dec 2022 See Details

- Silver medal In "Nuit De L'Info" 2022 - Issued by CM'IN - Chartres Métropole Innovations Numériques · Dec 2022 See Details

- Top 4 In The 11th Edition Of the Eniso Entreprises Convergence Forum. - National School of Engineers in Sousse · Dec 2022 See Details

Volunteer Experience

IEEE ISSAT Sousse Student Branch   Sousse, Tunisia
Member And WebMaster   Dec 2022 - Present

Hult Prize   Sousse, Tunisia
Judge coordinator   Mar 2022

Lions Clubs International   Sousse, Tunisia
Member   Sep 2020 - Oct 2021