

Sangbé SIDIBE

Electrical and Computer Science Engineer

Passionate about new technologies and Artificial Intelligence
I have a thirst for knowledge. I am curious and I like to face
new challenges. For me "Once you get to the top of the
mountain, you have to keep climbing".

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🌐 <https://www.linkedin.com/in/sangbe-sidibe/>

🌐 <https://sangbesid.github.io/>

Looking for a 6 month internship from March 1st, 2021 in Data Science, Machine Learning

🎓 EDUCATION

- 2018 to 2021: **Engineering Master's Degree in Electrical and Computer Science**,
Polytech Annecy-Chambéry, Annecy in France
- 2018: **Bachelor of Science in Computer Science**, University of Poitiers, Poitiers in France
- **Club:** member of Association des Etudiants en Informatique du Futuroscope (AEIF).
- 2016: **High National Degree in Computer Application Developer**, Institut LKM,
Abidjan in Ivory Coast
- **Clubs:** member of Software Club and Maths Club.

📁 WORK EXPERIENCES

- June 2020
to
August 2020: **R&D Intern as Software Developer in Robotics, SYMME, Annecy-Le-Vieux in France**
- Design a virtual robot in order to participate in the robocup competition in the "medium size" football category.
- Modeling of the robot and its environment.
 - Programming commands in order to control the robot.
 - **Tools:** Linux, Python, Gazebo, Robot Operating System (ROS)
 - **Skills:** Research and Analysis, Creativity, Open-mindedness, Communication, Initiative.
- April 2019
to
Jan 2021: **Part-Time Versatile Team Member, BURGER KING FRANCE in Annecy**
- Preparation of commands
 - Ensure the kitchen, counter and rooms tasks necessary for the catering of customers.
 - **Skills:** Rigor, Dynamism, Communication, Joie de Vivre, Versatility
- Since
Sept 2018: **Home Teacher, ACADOMIA and LAUREAT**
- Maths lessons, middle and high school
 - Computer Science lessons, from primary to higher education
 - **Skills:** Communication, Openness, Sense of Organization, Initiative, Know-How
- May 2018
to
July 2018: **R&D Intern as Software Developer in Image Synthesis and Analysis, XLIM, Poitiers in France**
- Working on Medial Axis and the Bisector Function in order to generate discrete skeletons.
- Studying and implementation of distance map and medial axis algorithms.
 - Design a new algorithm to compute the Bisector Function.
 - **Tools:** Linux, C language, CodeBlocks
 - **Skills:** Research and Analysis, Creativity, Problem Solving, Communication, Initiative.
 - **Publication:** A Discrete Bisector Function Based on Annulus, in Discrete Geometry for Computer Imagery.
https://link.springer.com/chapter/10.1007/978-3-030-14085-4_37
- March 2015
to
June 2015: **Software Developer Intern, MUGEF-CI, Abidjan in Ivory coast**
- Working on the automation of management of prepayment letters (Authorization, Updating and Termination)
- Modeling and implementation of the database
 - Design of the software followed by its production.
 - **Tools:** Oracle Developer Suite 10g, Oracle Database, MERISE, Java, UML
 - **Skills:** TeamWork, Creativity, Problem Solving, Communication, Initiative, Knowledge of Social Realities.

🧩 SPECIAL SKILLS

Programming Languages:	Most fluent: Python, C, Java, LabView, Matlab Php, JavaScript, CSS, HTML
Databases:	Most fluent: MySQL, Oracle SQL, PL/SQL
Deep & Machine Learning:	CNN, K-Means, PCA, GAN, Linear & Logistic Regression Keras, Scikit-Learn
Computer Vision & Data Mining:	Classification, Clustering, Segmentation, Object Tracking and Pattern Recognition
Automation:	Signal Processing, Control Command & Observability, Instrumentation
Applied Maths:	Graph, Probability, Statistics, Modeling Random Phenomena, Dynamic Model Control
Languages:	French (Native Speaker), English (C1), Spanish & Japanese (Beginner)

🧩 INTERESTS

- Sports:** Football, Futsal, VolleyBall, Running
- Reading:** African, French Chinese Literature
- Others:** Cooking, Travel, Music