Curriculum Vitae

Chikhaoui Brahim
Address: 2 Rue Abdallah Farhat
Radés, 2040, Tunisie
Phone: +21623938597
E-mail: Brahim.chikhaoui@supcom.tn

PERSONAL STATEMENT

ICT Sophomore engineering student at Sup'Com independent, responsible, targeting excellence and aiming to contributing to the technological progress

EDUCATION

Higher School of Communication of Tunis (Sup'Com)   September 2015
I.C.T Engineering Student

Preparatory Institute for Engineering Studies of El-Manar (IPEIEM).   2013-2015
Mathematics-Physics

PROFESSIONAL EXPERIENCE

07/2016 – 08/2016: Network & System Engineering at Tunisie-Telecom (Intern)
- ✓ Detection of anomaly in the network.
- ✓ Using the Reflectometer.
- ✓ Configuring Cisco switches and routers.
- ✓ Installation and deployment of network monitoring systems

PERSONAL PROJECTS

File Compression
C++, Huffman Code, Binary Tree, Data Compression
• The main objective of this File Compression project is to design a compression software which significantly reduces the size of a file so that it can be easily shared.
• Use appropriate built-in data structures to implement functionality
• Each byte of the file will be compressed and takes quite less memory on the disk

Smart Text Editor
Java, Trie, SuffixArray, String Processing
• Incorporate intelligent behaviors of modern-day text including autocomplete, flagging misspelled words and spelling auto-correct.
• Write unit test using Junit to ensure the correctness of code.

Mapping Application
Java, Graph, back-end
• Design classes to implement a graph in Java
• Implement basic graph search algorithms including breadth first search, Dijkstra's Algorithm, and A* Search.
• Work with real-world geographic road data

Log Analysis and Visualization
Python, Machine Learning, Pandas, Scikit-Learn, Kaggle, Testla
• Use Random Forest Classifier
• Explore a dataset of Telstra to predict the severity of service disruptions on their network.
• Using a dataset of features from Telstra service logs

ACADEMIC PROJECT

Jamaity- Mobile Development
JEE, Android Studio, SQL...
• Theme: Personal service
• Realization of the database, as well as
The development of the application and
The development of an interface Web
for the application.

Let's Go Green-PACTE
• The Project for learning Communication and Team Work
•Development of a mobile application of waste separation.
• Training for primary school pupils to raise awareness of environmental issues.

Highway Management- Database Project
Oracle, Relational Database, SQL...
• Design, create and use a relational database using optimal methods.
• Maximize the potential of SQL to formulate complex queries.
• Apply joins and sub-queries

Business Intelligence BI and Data mining
• Deploy and manage a complete data warehouse creation project to improve decision-making.
• Analyze data to ensure quality of sources.
• Extract, transform and load operational data ETL.
• Use decision-making BI tools to sort and examine data.

SKILLS & EXPERTISE

Programming Java, JavaScript, C, C++, Matlab, Octave, Go, C#, Python, Assembly
Web Node.js, JEE, jQuery, HTML, CSS
Data/Databases SQL, MongoDB
Project Management SCRUM, XP
Other Cryptography, Penetration Testing, Android Development, Machine Learning, Deep Learning, Software Testing, Software Debugging

CERTIFICATES

- Certified by the Institut Mines-Télécoms: Principles of data networks.
- Certification of participation in the ACM-Sup'CPC and ACM-TCPC
- Certification for the organization of the World Telecommunication Standardization Assembly 2016 (WTSA)
- Certification of the Mines-Télécom Institute: Successful follow-up of mooc "Understanding 4G", "Objective IPv6", "Fundamentals for Big Data".
- Certification of Cnam: Successfully followed the mooc "Introduction to signal processing".
- Certifications CISCO : CCNA1, CCNA2 and CCNA3.
- Certifications TOEIC : score 875

INTERESTS

- Competitive Programming
- Video Games
- Football
- Cycling
- Traveling