



Ilyas Bambrik

Computer Science Teacher

I eat Algorithms and Data Structures with a pitchfork

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📍 Apartement 180 Cité des 160 logements, Boudjlida, Tlemcen, Algeria

WORK EXPERIENCE

Computer Science Assistant Teacher University Abu Bekr Belkaid

11/2010 - 07/2017

Tlemcen, Algeria

Achievements/Tasks

- Teaching network protocols and Ubuntu Operating System basics.
- Teaching Object Oriented Programming with Java.
- Teaching Compiler Design.

Computer Science Teacher University Abu Bekr Belkaid

10/2017 - Present

Tlemcen, Algeria

Achievements/Tasks

- Teaching network programming, Probability & Statistics as well as Web Development.

RECENTLY PUBLISHED PAPERS

Bambrik, I. (2020). A survey on cloud computing simulation and modeling. SN Computer Science, 1(5), 1-34.

Bengheni, A., Didi, F., & Bambrik, I. (2019). EEM-EHWSN: Enhanced energy management scheme in energy harvesting wireless sensor networks. Wireless Networks, 25(6), 3029-3046.

Bambrik, I., & Fedoua, D. (2017). A survey on the fundamental and advanced mobile ad hoc network routing protocols. International Journal of Systems, Control and Communications, 8(2), 150-176.

EDUCATION

Licentiate Degree - Computer Science University Abou Bekr Belkaid

09/2005 - 07/2008

Tlemcen, Algeria

M.D. Computer Science And Information Systems University Abou Bekr Belkaid

09/2008 - 07/2010

Tlemcen, Algeria

Ph.D. - Computer Science University Abou Bekr Belkaid

11/2010 - 07/2016

Tlemcen, Algeria

SKILLS

O.O.P. Functional Programming Mathematics Algorithms & Data Full Stack Web Development Machine Learning Network Protocols

CERTIFICATES

Mathematics for Machine Learning, Imperial College London, 2020

Front-End Web UI : Bootstrap, Hong Kong University of Science and Technology, 2021

Object Oriented Java Programming, UC Sandiego, 2020

Deep Learning, DeepLearning.AI, 2020

Algorithms, Stanford, 2021

Machine Learning, University of Washington, 2020

Python 3 Programming, University Of Michigan, 2020

Statistics with Python, University Of Michigan, 2020

Scientific Computing with Python, Freecodecamp, 2020

Data Structures and Algorithms, UC Sandiego, 2020

JavaScript Algorithms and Data Structures, Freecodecamp, 2021

Back End Development and APIs, Freecodecamp, 2020

Algorithms (Legend Level), Codingame, 2022

Problem Solving (Advanced), Hackerrank, 2020

Python (Advanced), Hackerrank, 2020

SQL (Advanced), Hackerrank, 2022

Front End Development Libraries, Freecodecamp, 2022

MongoDB Associate Developer Exam Node.js, MongoDB, 2023

Machine Learning on Google Cloud, Google, 2020