

Resume

Omar Awile

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Education

07.2007 – 12.2007 Master thesis at Mediterranean Institute for Life Sciences

2001 – 2008 ETH Zuerich studying Computer Science
Specialization:
Major in Computational Science
Minor in Astrophysics

Relevant Coursework at ETHZ

- Computational Science (Modelling and Simulation)
- Theoretical Computer Science
Subjects discussed in this lecture:
Randomized Trees, Point Location, Graph Algorithms, The PCP Theorem
- Graph Algorithms
- Randomized Algorithms
- Bioinspired Computation and Optimization
- Parallel Computing
- Systems Software
- Compiler Design I
- Multiscale Modelling and Computation
- Machine Learning I
- Machine Learning II

Work Experiences

07.2006 – 12.2006 Student fellowship
At IBM Tokyo Research Lab (Data Analytics Group)

04.2006 – 07.2006 Teaching assistant
For the lecture Operating Systems
at the computer science department of ETHZ

10.2005 – 02.2006 Teaching assistant
For the lecture Informatik 1 (introduction to Programming)
at the electrical engineering department of ETHZ

04.2005 – 07.2005 Teaching assistant
For the lecture Algorithms and Datastructures
at the computer science department of ETHZ

10.2000 Internship
At Bank Armond von Ernst, Bern, Switzerland

Papers and Patents

- co-authored 2 patents on system engineering / system modelling during my stay at IBM Tokyo Research Lab (currently in internal review process)

Language Skills

Mother tongue: German

Very good knowledge: English (written, spoken) and Arabic (spoken)

Fair knowledge: French (written, spoken)

Basic language skills: Japanese, Arabic (written)

Programming Languages

- Main programming languages: Java, C
- Other programming languages: Python, C++, Eiffel, Haskell, Matlab, (PHP, Javascript, ...)

Hobbies

I enjoy exploring the world, always equipped with a camera trying to capture the beauty surrounding us. I also like meeting foreign cultures, reading and spending time with my friends.