

Curriculum Vitae

Personal information:

Name and First Name: Sahraneshinsamani Nima

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Education, Degrees:

B.S. in Computer Science (2008-2012)

- Faculty of Mathematical Sciences, Shahrekord University, Shahrekord, Iran.
- <http://www.sku.ac.ir>
- Thesis: *Automatic Timetable Scheduler of University Courses*

M.Sc In Computer Science (Scientific Computing) (2013-2015)

- Faculty of Science, Razi University, Kermanshah, Iran.
- Adviser: Dr. Keyvan Amini
- Thesis: *Analysis of Task Based Parallelization of the QZ Algorithm for Computing Eigenvalues*
- <http://www.razi.ac.ir>

PhD In Computer Architecture (2017- until now)

- Universitat Politècnica de Catalunya (UPC), Barcelona, Spain.
- Departament d'Arquitectura de Computadors
- <https://www.upc.edu>

Skills:

Linear Algebra

Parallel Computing

Scientific Computing

Operating Systems Structures

GNU/Linux Administration (from 2004, specially Debian and fedora)

Programing:

- C & C++
- SuperGlue (A C++ Library for Data-Dependent Task Parallelism)
- OpenMP
- Paraver and Extera
- AMPL (An Algebraic modeling language)
- GSL (GNU Scientific Library)
- LAPACK
- MAGMA
- Lis (Library of Iterative Solvers for Linear Systems)
- CUDA

- GNU/Linux system programming
- Matlab
- Python
- Bash scripting
- Verilog

Teaching Activities:

Razi University, Computer Engineering and Information Technology Department, Computer workshop

Shahrekord University, Computer Sciences and Applied mathematic Department,

Introduction to programming (C++ programming language / T.A).

Shahrekord University, Faculty of science, GNU/Linux Operating Systems training Course.

Community Contributions:

Editor in chief of CS magazine (2009-2011).

Master member of Computer science student scientific association.

Organizer of GNU/Linux seminars in Shahrekord University .

Interested Research Field:

Scientific computing

Operating systems

Parallel computing