








Marcos Horro

PhD Candidate

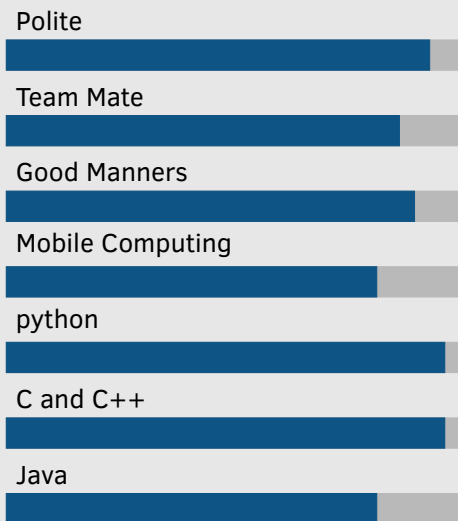
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About me

Currently pursuing a PhD in Computer Engineering at University of A Coruña at Department of Computer Engineering, Computer Architecture Group (GAC). I do not have much more time for anything else, but I love sports and everything with an engine inside and wheels.

Always in continuous training.

Skills



Web Design*5 Aim to Learn*6.0
Ambition*5.5

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Updated: September 25, 2018

Interests

My main focus currently is computer architecture and modern memory systems; i.e. high performance computing (HPC). Nevertheless, computer engineering is a multidisciplinary science and I am open to any type of project/topic of interest.

Education

- since 2017 Ph.D. candidate in Computer Science University of A Coruña
Computer Architecture Group (GAC)
- 2016-2018 M.Sc. Computer Engineering University of A Coruña
- 2012-2016 B.Sc. Computer Engineering University of A Coruña
Majoring in Computer Architecture. Honors in Final Degree Project and Best Student award.
- 2010-2012 Scientific Baccalaureate IES Ramón Cabanillas
Honors at High School: Best Student Award

Publications

- 2017 Marcos Horro, Gabriel Rodríguez, Juan Touriño, Mahmut T Kandemir (2017). Study of the Intel Knights Landing (KNL) memory system tradeoffs. In 13th International Summer School on Advanced Computer Architecture and Compilation for High-Performance and Embedded Systems (poster session). Fiuggi, Italy.
- 2016 Marcos Horro, Gabriel Rodríguez, Juan Touriño, Mahmut T Kandemir. Architectural exploration of heterogeneous memory systems. In 19th workshop on Compiler for Parallel Computing, pp. 1–8. Valladolid, Spain.
- 2016 Marcos Horro, Gabriel Rodríguez, Juan Touriño. Exploración y optimización energética de arquitecturas heterogéneas con el framework gem5. In Actas Jornadas Sarteco, pp. 509–516. Salamanca, Spain.
- 2012 Jose B. Búa, Marcos Horro. Actividades na Ensinanza Secundaria. Experiencia dun alumno no caso concreto de modelización de focos luminosos. In VI Congreso de AGAPEMA. Santiago de Compostela, Spain.

Awards

- 2017 FPU fellowship from the Spanish Ministry of Education (Training Program for University Teachers)
- 2016 Finalist Final Degree Project opensource contest
- 2016 Best Student Award in Computer Engineering
- 2012 Honors in High School

Experience

- 2018 Teaching Assistant University of A Coruña
Computer Architecture Group (GAC)
- 2017 PhD Fellow University of A Coruña
Computer Architecture Group (GAC)
- 2016 Researcher University of A Coruña
Computer Architecture Group (GAC)
- 2015 Internship at Department University of A Coruña
Internship at Department of Electronics and Systems

Projects

I have developed many projects which are opensource and available at my GitHub profile: <https://github.com/markoshorro>

Full profile <https://www.linkedin.com/in/marcoshorro/>