Curriculum vitae

Naranjo 280
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EDUCATION

2005-2010. Bachelor in Biology at the Facultad de Ciencias, UNAM. México.

2012-2017. PhD student in Biomedical Sciences. Instituto de Investigaciones Biomédicas, UNAM. México.

COMPETENCIES

Experience in mathematical modeling, informatics, and programming.

R programming certification by Johns Hopkins University. See the certification at https://www.coursera.org/account/accomplishments/certificate/YMFUBJLZTUN6.

Computer Skills: Experience with R, python, C++, Java, and html.

Experience using Linux and Windows OS.

SOFTWARE TOOLS DEVELOPMENT

Experience developing software written in R. See my main ongoing software R project at **https://github.com/caramirezal/SQUAD**.

PUBLICATIONS

Méndez A, Ramírez C, Martínez M, and Mendoza L. The SQUAD method for the qualitative modeling of regulatory networks. *Computational Cell Biology*. September 2016, sent for peer review.

Ramírez C, and Mendoza L. Phenotypic stability and plasticity in GMP derived cells as determined by their underlying regulatory network. *Bioinformatics*. January 2017, sent for peer review.

SELECTED MEETINGS AND TALKS

Participation in the Intelligent Systems for Molecular Biology (ISMB) and European Congress of Computational Biology (ECCB) 2015 meeting which was held from July 10 to July 14 2015 in Dublin, Ireland.

Participation at the XXIV National School of Optimization and Numerical Analysis. Organized by the Center on Mathematical Investigations AC, presenting a talk called “Devellopment of a dynamical model of the regulatory network that controls the differentiation of granulocytes”. The meeting was held from april 27 to may 2, 2013, in Guanajuato, Mexico.

LANGUAGES

English: Experience in writing, reading, and speaking technical reports. Certification, 1312 CELE UNAM.

Experience in german (Intermediate). https://www.duolingo.com/cramireza.

SCHOLARSHIPS

Bachelor Thesis research support, PAPIIT IN221606, UNAM.

PhD scholarship, 290671 CONACYT.