

Curriculum vitae

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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.

SCHOLARSHIPS

Bachelor Thesis research support, PAPIIT IN221606, UNAM.

PhD scholarship, 290671 CONACYT.

COMPETENCIES

Experience in mathematical modeling, bioinformatics, and programming.

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

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

Experience using Linux and Windows OS.

SOFTWARE TOOLS DEVELOPMENT

See all my ongoing projects at <https://caramirezal.github.io>.

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.

LANGUAGES

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

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