

AHMAD CHATHA

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Software Engineer / Student

Highly motivated, decisive and results-oriented individual seeking a position as a Software Engineer/ML researcher.

Education

New York University

Bachelor of Science - Mathematics & Computer Science | Sep, 2009 – Jan, 2014

Columbia University

Masters - Computer Science, Machine Learning Track | Jan, 2015 – May, 2016

Work Experience

Simons Foundation

Software Engineer I | May, 2014 – Current

Work on both internal and public facing projects. Responsibilities included: Frontend, backend and DevOps. Projects examples:

- SfariBase: <https://base.sfari.org/>
- SfariBeacon: <https://beacon-network.org/>
- SfariGene: <https://gene.sfari.org/>
- Sims: <https://sims.sfari.org>

Projects

iGoPiGo

Indoor Navigation using ibeacons and neural networks.

<https://gopigo.firebaseio.com/>

Robust Principal Component Analysis

RPCA based moving entity detection from a moving camera.

<https://github.com/rjk2147/RPCA-BASED-MOVING-ENTITY-DETECTION-FROM-A-MOVING-CAMERA>

Skills

C Python Java Javascript Matlab Sql HTML & CSS

Django Nodejs flask React Jquery D3 Numpy

Theano Postgresql Mysql MongoDB AWS heroku

Firebase Salesforce Docker Google Analytics git