Israel O. Dilán-Pantojas
Computer Science Student

about
Room 1321
University of Puerto Rico
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LinkedIn
in://israelodilan-pantojas

GitHub
git://Omig12

languages
fluent
spanish/english

programming
Python
C++, SML, SQL, R
HTML5 & CSS3,
PHP
JavaScript, Matlab
Octave, Java

interests
data science
bioinformatics
computational biology
rna-sequencing
big data analysis
cyber-security
memory forensics
data mining
machine learning
artificial intelligence
electric circuits
web-development

education

2011 - Today	**B.Sc** candidate in General Studies Minored in Entrepreneurship Development Majoring in General Studies	University of Puerto Rico
2014 - Today	**B.Sc** candidate in Computer Science Majoring in Computer Science	University of Puerto Rico

experience

05-07 2017 — **University of Pittsburgh, United Stated** — Internship in Biomedical Research, Informatics and Computer Science
Participated from a 10 week summer research program, under PhD. Gregory Cooper and Bryan Andrews, on causal discovery with graphical methods research project.

01 2017 — **MIT, United States** — Quantitative Biology 1 Week Workshop
Participated, Quantitative Methods Workshop Sponsored by the Department of Biology, and the Center for Brains, Minds and Machine

01–05 2016 — **UPR-RP, Puerto Rico** — Undergraduate Research Experience
Analysis of the Heuristic pairwise alignment algorithm implemented in mutual.

08 2016 — **UPR-RP, Puerto Rico** — mRNAse 2-days Workshop by Dr. Titus Brown
Bio-informatics workshop on RNA-Seq work-flow/pipeline using FastQC, Trimommatic & Trinity.

05 2016 — **UPR-RP, Puerto Rico** — Memory Forensics 2-days Workshop by Sans
Introduction to Memory forensics tools and Mal-ware detection using Volatility, Honey Badger & Bulk Extractor.

10 2015 — **Include‹athon›, Puerto Rico** — Hackathon
Participated, Project: Space Pebble: What's up? for the pebble Smart-watch.

applications

2016 — **LastGraph to GFA Parser** — http://bit.ly/LGParser
A parser that converts the LastGraph file format to the GFA format, while splitting each connected component into a separate GFA graph file.

2015 — **Space Pebble: What's up?** — http://bit.ly/Space-Pebble-Whats-Up
Application for Pebble Smart-watch intended to provide useful information about events happening at atmosphere and above.

extracurricular

2017-18	**Computer Science Students Association**	Vocal
2016-17	**Computer Science Students Association**	Vice President
2016-17	**ACM UPRRP-Branch**	Vice President
2014-2015	**Faculty of General Studies Students Council**	President
2012-2014	**Faculty of General Studies Students Council**	Academic Senator

publications

Dilán-Pantojas, I. O., & Ortiz-Zuazaga, H. G., Dr. (2016, May 30). MegaProbe Lab (Rep.). Retrieved from http://bit.ly/israel-mutual-tech-repo