

Jaren Ryan Moreno Rex

Objective

To excel in the fields of physics and computer programming, to expand the body of scientific knowledge through research, and to serve my fellowmen with my acquired learning

Work Experience

June 4, 2018 - present	Project Staff, Regional Climate Systems Laboratory, Manila Observatory
August 15, 2018 - present	Part-time Lecturer, Department of Physics, Ateneo de Manila University

Education

2012 - 2017	B.S. in Applied Physics - B.S. in Applied Computer Systems (double degree) Magna cum Laude Ateneo de Manila University Katipunan Road, Loyola Heights, Quezon City
2008 - 2012	High School Graduated with Highest Honors Philippine Science High School (Main Campus) Agham Road, Diliman, Quezon City
2001 - 2008	Preparatory and Grade School Top 2 of Graduating Class Multiple Intelligence International School Escaler St., Loyola Heights, Quezon City
2000 - 2001	Kindergarten Miriam College Child Study Centre Katipunan Road, Loyola Heights, Quezon City
1998 - 2000	Preschool Kiddie Camp Playschool and Learning Center Road 13, Bagong Pag-asa, Quezon City

Awards & Achievements (contest-related)

- Member, Ateneo de Manila University Programming Varsity, 2012-2017
- Member, Philippine Science High School Physics Team, 2010-2012
- Member, Champion Team of 8 teams, HPE Code Wars held at Two Cyberpod Centris on 27 February 2017
- Member, Champion Team of 33 teams, UP ACM Algolympics held at UP Diliman on 11 February 2017
- Member, 15th Placer Team of 40 teams, ACM ICPC Regional Programming Contest held at Ateneo de Manila University on 15 December 2016

- Member, 26th Placer Team of 65 teams, ACM ICPC Regional Programming Contest held at Prince of Songkla University, Phuket, Thailand on 20 December 2015
- Member, 7th Placer Team of more than 50 teams, Australia New Zealand Algorithmics and Computing League (ANZAC) Programming Contest Round 6, a friendly competition held online in August 2015
- Member, Competing Team, Clash of the Brains Programming Competition held at De La Salle University in April 2015
- Member, 3rd Placer Team of more than 20 teams, Inter-University Programming Competition held at Ateneo de Manila University in November 2014
- Member, 2nd Placer Team of 31 teams, ACM ICPC Philippine National Programming Competition held at Naga in September 2014
- Member, 2nd Placer Team of more than 50 teams, Australia New Zealand Algorithmics and Computing League (ANZAC) Programming Contest Round 1, a friendly competition held online in March 2014
- Member, 6th Placer Team of 21 teams, UP ACM Programming Competition held in January 2014
- Member, 7th Placer Team of more than 60 teams from 19 universities, Physiklaban (7th Inter-Collegiate Physics Quiz Bee) held at Adamson University in November 2013
- Member, 8th Placer Team of 46 teams from 24 universities, ACM ICPC Philippine Invitational Programming Contest held at Technological University of the Philippines on 2 March 2013
- Member, 12th Placer Team of 45 teams, and 8th placer team out of 20 in the professional division, DevCon Code Challenge Cup held at Xavier School Greenhills on 30 November 2012
- Member, Champion Team, Philippine Young Physicists' Tournament held at the University of the Philippines Diliman in March 2012
- Champion, High School Math Intersection, Individual Category, held in January 2012
- Member, 2nd Placer Team of 8 teams, High School Math Intersection, Team Category, held in January 2012
- Member, Champion Team of more than 40 teams, PISIKAalaman (UP Physics Association Quiz Bee) held in November 2011
- Certificate and Plaque of High Distinction, Australian Chemistry Quiz, Year 9, held in July 2010
- Certificate of Credit, Australian Chemistry Quiz, Year 7, held in July 2010
- Member, 3rd Placer Team of 8 teams, High School Math Intersection, Team Category, held in January 2010

Awards & Achievements (school-related)

- Consistent Dean's Lister, all 10 semesters of college
- Perfect 4.00 average (straight A) received second semester SY 2015-16, with 18 units
- Perfect 4.00 average (straight A) received first semester SY 2013-14, with 23 units
- Physics Program Award, 2017
- Top 1, School of Science and Engineering (AdMU) 2017 Graduating Batch
- Top 7, AdMU Graduating Batch of 2017
- Nominee, SOSE Outstanding Research Award 2016
- Nominee, BPI-DOST Science Award 2016
- Academic Scholarship Recipient, Ateneo de Manila University, 2012 to 2017
- Graduated with Highest Honors, PSHS Main Campus, March 2012

- Consistent Director's Lister, all 16 quarters in high school, PSHS Main Campus
- Nominee, DOST Model Science Scholar Award, March 2012
- Nominee, Gerry Roxas Leadership Award, March 2012
- DOST-SEI Merit Scholarship Grantee, 2012 to 2017
- Top 10 percent, University of the Philippines College Admission Test 2012
- Director's List (Top 200), Ateneo College Entrance Test 2012
- Top 2 of Graduating Batch, Multiple Intelligence International School, March 2008
- Best in Math, Graduating Batch, Multiple Intelligence International School, March 2008
- Academic Excellence Awards in Math, Science, Language, and Reading, Multiple Intelligence International School, March 2008
- Best in English, Kiddie Camp Playschool and Learning Center, March 2000

Co-Curricular/Extra-Curricular Activities

- Member, Ateneo de Manila Programming Varsity, 2012 to 2017, for competing in national and regional programming competitions
- Member, PSHS Physics Team 2010-2012, for competing against other high schools
- Member, Ateneo League of Physicists (LeaPS), 2012 to 2017
- Attendance in The First CERN School Philippines, March 31 - April 8, 2014
- Associate Vice President for Academic Services, LEAPS, SY 2013-14
- Core Team Member, Physics Quiz Bee, Second Semester SY 2013-14
- Core Team Member, Physics Quiz Bee, First Semester SY 2013-14
- Core Team Member, Physics Quiz Bee, Second Semester SY 2012-13
- Core Team Member, Physics Quiz Bee, First Semester SY 2012-13
- Member, Chess Varsity Team, Multiple Intelligence International School, SY 2007-08

Other/Outreach Activities

Voluntary free tutorials:

- College:
 - Group and one-on-one tutorials for Physics block mates, in Math and Physics subjects, at least 4 to 6 hours a week on average, 2012 to 2017
 - Creation of study aids, such as problem solving flowcharts, problem sets, and solutions to selected problems from previous exams, 2012 to 2017
 - Assigned as joint regular tutor to Glenn Gacal, then freshman B.S. Physics major, with Math and Physics subjects, February to March 2014
 - Assigned as joint regular tutor to Mary Jill Banta, then sophomore B.S. Chemistry with Applied Computer Systems major, with Math and Physics subjects, January to March 2014
 - Voluntarily tutored 8 Physics block mates one-on-one; 8 more participated in group tutorials
- High School:
 - One-on-one tutorials for batch mates, in Math, Physics, and Chemistry, 2 to 4 hours a week, 2008-2012
 - Assigned as joint tutor to a dyslexic batch mate, for Math removal exam, March 2012

Skills

Advanced Math and Physics
Computer Programming
Technical & Literary Writing

Hobbies & Interests

Scrabble (competitive level)
Chess (moderate skill)
Favorite Book Series/Authors: Narnia, Harry Potter, Dan Brown, Spider-Man graphic novels
Favorite TV shows: Scorpion, various Marvel shows, Big Bang Theory, Through the Wormhole
Favorite Movies: various Marvel movies

Personal Information

Name: Jaren Ryan M. Rex
23 years old, male, single, Roman Catholic, Filipino
220 pounds, 5'8"