

Education

Loyola Marymount University

Awarded a full ride Kilroy Scholarship

Physics and Computer Science

To be conveyed in May 2019

3.93 GPA

Dean's List: all semesters

SPS & RCC

Treasurer of Society of Physics Students and Co-Founder of RC Club chapters at LMU

Languages

English

Spanish

German

Coursework



- > Intro to Machine Learning
- > Computer Systems Organization
- > Computer Graphics
- > Algorithms, Data Structures



- > Differential Equations
- > Methods Of Applied Mathematics
- > Calculus I, II, III
- > Linear Algebra



- > Elementary Particle Physics
- > Intermediate Mechanics
- > Space Phycisa

Computer Skills

Java	●	●	●	●	●	●	●
Python (NumPy, Sklearn)	●	●	●	●	●	●	●
SQLite	●	●	●	●	●	●	●
C, C++	●	●	●	●	●	●	●
Web (XML, MD, HTML, CSS, JS)	●	●	●	●	●	●	●
Linux (Git, nano, grep)	●	●	●	●	●	●	●
IntelliJ, Android Studio	●	●	●	●	●	●	●
Mathematica	●	●	●	●	●	●	●
RbPi 3, Arduino, IOIO	●	●	●	●	●	●	●
jupyter Notebook	●	●	●	●	●	●	●
Adobe CC	●	●	●	●	●	●	●

Experience

● TA Supervisor

- ⌚ Jan 2017 > Present
- 📍 Loyola Marymount University: L.A.
- Mathematics Department

● Student Reserve Board

- ⌚ Sep 2016 > Present
- 📍 Loyola Marymount University: L.A.
- Provide financial assistance to University clubs

● Extra Curricular Robotics Teacher

- ⌚ May 2016 > Aug 2016
- 📍 Colegio Seminario: Uruguay
- Teach the basics of circuit design, python programming and Linux Bash to advance high school students.

● Calculus Tutor

- ⌚ Jan 2016 > May 2016
- 📍 Loyola Marymount University: L.A.
- Math 131: Calculus I

● International Outreach

- ⌚ Sep 2015 > Apr 2016
- 📍 Loyola Marymount University: L.A.
- Assist prospect international students with their application to LMU

Projects

Quantum Droplets

- ⌚ Under Development
- Recreate analogous behaviour to quantum phenomena with fluids on an Arduino Powered vibrating surface. Granted an SPS Chapter Research Award.

Android Quadcopter

- ⌚ Jan 2016
- Build a drone and two multithreaded apps for its stabilization and remote control using Android phone connected to a IOIO board.

Lifelog Android App

- ⌚ September 2015
- Keep track of every day expenses and activities. The information is then stored in an SQLite database and backed up to the cloud using Dropbox's API for android.