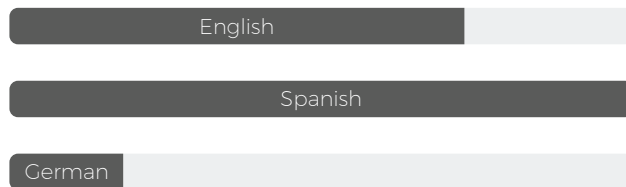


## Education


### Loyola Marymount / Stanford University

- **Computer Science and Applied Math** double major with **Physics** minor
- **Junior** awarded a full ride Kilroy Scholarship
- **3.90 GPA** Dean's List: all semest
- **SPS** President and Co-funder of the Society of Physics Students chapter, recipient of the Student organization of the year

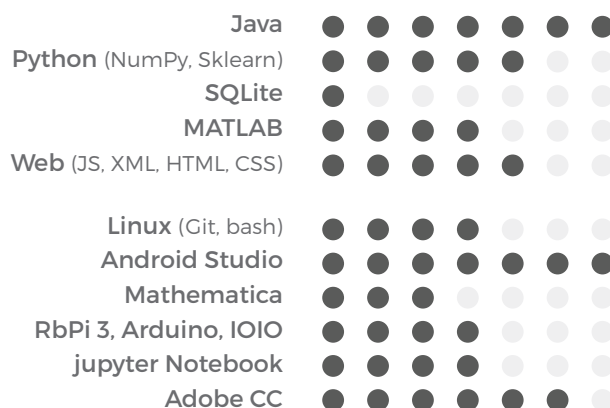
## Languages



## Coursework

- 
  - > Machine Learning
  - > Database Systems
  - > Computer Graphics
- $x^2$ 
  - > Probability and Statistics
  - > Linear Algebra
  - > Numerical Methods
- $\Psi$ 
  - > Elementary Particle Physics
  - > Intermediate Mechanics
  - > Space Physics

## Computer Skills



## Research / Projects

### Research Assistant

- 🕒 Under Development
- 📍 RAINS Research Assistant

Develop a new machine learning algorithm to detect communities in a large social network of 4.8 million users to compete with a state of the art algorithm developed by Facebook

### Quantum Droplets

- 🕒 Under Development
- 📍 Society of Physics Students

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

### Android Quadcopter

- 🕒 Jan 2016
- 📍 Facultad de Ingenieria: Uruguay

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.

## Experience

### TA Supervisor

- 🕒 Jan 2017 > Present
- 📍 Loyola Marymount University: L.A.

Manage the TA program for the Mathematics Department, including **tutors**, **graders** and **lab TA's**

### Multivariable Calculus Tutor

- 🕒 Aug 2017 > Present
- 📍 Loyola Marymount University: L.A.

Grade and tutor students taking Calculus II and Calculus III

### Extra Curricular Robotics Teacher

- 🕒 May 2016 > Aug 2016
- 📍 Colegio Seminario: Uruguay

Teach the basics of circuit design, python programming and Linux Bash to advanced high school students.

### Physics TA

- 🕒 Aug 2016 > Present
- 📍 Loyola Marymount University: L.A.

**Phys 201:** In charge of running the lab for Electricity and Magnetism.