Juan José Neri

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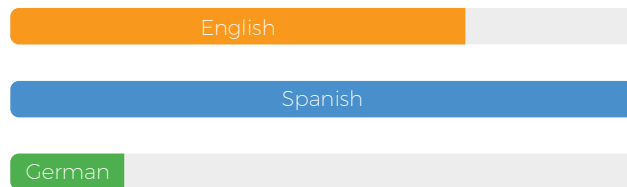**Contact** | juanjo.neri@gmail.com (213) 274 5685

juanjoneri.com

Education

Loyola Marymount / Stanford Uniersity

❯ **Computer Science** and **Applied Math** double major, **Physics** minor to be conveyed **May 19**

❯ **Junior** awarded a full ride Kilroy Scholarship

❯ **3.90 GPA** Dean's List: all semesters

❯ **Co-funder and President** of the Society of Physics Students chapter, recipient of the Student organization of the year award in 2016
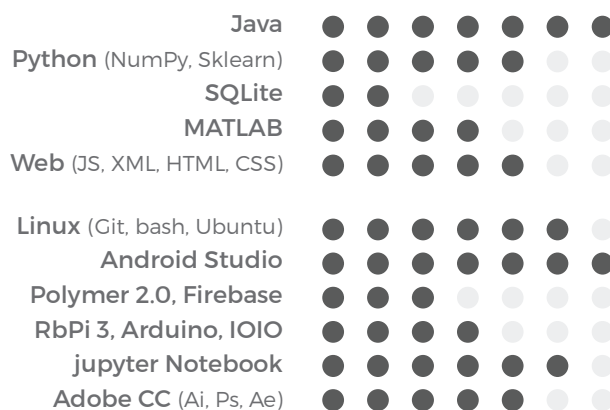
Languages

English	
Spanish	
German	

Coursework

> Machine Learning
> Database Systems
> Computer Graphics

x^2

> Probability and Statistics
> Linear Algebra
> Numerical Methods

Ψ

> Elementary Particle Physics
> Intermediate Mechanics
> Space Physics

Computer Skills

Skill	Rating
Java	●●●●●●●
Python (NumPy, Sklearn)	●●●●●○○
SQLite	●●●○○○○
MATLAB	●●●●○○○
Web (JS, XML, HTML, CSS)	●●●●○○○
Linux (Git, bash, Ubuntu)	●●●●●●○
Android Studio	●●●●●○○
Polymer 2.0, Firebase	●●●○○○○
RbPi 3, Arduino, IOIO	●●●○○○○
jupyter Notebook	●●●●●○○
Adobe CC (Ai, Ps, Ae)	●●●●●○○

Research / Projects

Research Assistant

🕐 Under Development
🌐 RAINS Research Assistant

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

Polymer Web App

🕐 Under Development
🌐 Database Systems

Use Polymer project 2.0 to develop a website for matching mothers with nannies. Authentication, data storage and hosting are done through **Firebase**.

Android Quadcopter

🕐 Jan 2016
🌐 Facultad de Ingenieria: Uruguay

Build a **drone** and two multithreadedapps for its stabilization and remote control using **Android** phone connected to a **IOIO board**.

Lifelog Android App

🕐 September 2015
🌐 Seminario Highschool

Stored expenses and activities in an **SQLite database**, 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**

● Student Reserve Board

🕐 Aug 2016 > May 2017
🌐 Loyola Marymount University: L.A.

Help in the selection process for providing **financial assistance** to clubs and organizations on campus

● Extra Curricular Robotics Teacher

🕐 May 2016 > Aug 2016
🌐 Seminario Highschool: Uruguay

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