



Education

Loyola Marymount University

- B.S. in **Computer Science & Applied Math** to be conveyed **May 2019**. Awarded a full scholarship
- **3.92 GPA** best Junior in Computer Science
- **Co-founder** and **co-president** of the **Radio Control Club** at LMU recipient of the Student Organization of the Year

Coursework



CMSI

Database Systems
Artificial Intelligence
Programming Lang
Computer Graphics
Compilers
Machine Learning
Interaction Design



MATH

Group Theory
Real Analysis
Complex Variables
Numerical Methods
Linear Algebra
Differential Equations
Probability & Statistics

Skills

Python django, TensorFlow



JavaScript Node.js



Java Android Studio



C++ Arduino



Web HTML, CSS, Polymer



Databases SQL, MongoDB



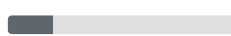
English Cambridge CPE, CAE



Spanish First Language



German LMU German II



Awards

- | | | |
|---|-----|------|
| • Highest Achieving Junior in CS | LMU | 2018 |
| • Pi Mu Epsilon Mathematics Honor Society | LMU | 2018 |
| • Dean's List, all semesters | LMU | 2018 |
| • Chapter Research Award | SPS | 2017 |
| • Student Organization of the Year | RCC | 2016 |
| • Full Scholarship for Outstanding Students | LMU | 2015 |
| • Uruguay Physics Delegation Member | OEI | 2014 |
| • Physics National Olympiad 2nd Place | mec | 2014 |



Experience / Research



Google CSSIx | TA

06/18 → 08/18

📍 LMU, Google LA

- Use Google App Engine to build an online platform to guide students in Google's Computer Science Summer Institute. Assist students with projects.



Seaver SURP | Research Assistant

01/18 → 06/18

📍 LMU Computer Science

- Use Google Cloud AI to pre-process high dimensional input for computation and inference with a bayesian network in python3.



Math TA | Supervisor

01/17 → 12/17

📍 LMU Math

- Work directly with the head of the Math department and TA body to help manage the TA program and ensure that it overall runs smoothly.



LMU RAINS | Research Assistant

01/17 → 01/18

📍 LMU Applied Math

- Implement a new unsupervised learning algorithm for graph clustering using TensorFlow and test against the current state of the art developed by Facebook.



Robotics Seminar | Teacher

05/16 → 08/16

📍 Montevideo, Uruguay

- Teach the basics of circuit design, python3 programming, version control, and Linux bash in the context of Raspberry Pi 3 to advanced high school students in Uruguay



Projects

Olive Language

01/18 → 05/18

⚙️ compilers, github, js, Julia, MATLAB, Ohm

- Designed and implemented a language that combines the expressiveness of Python with the first class support for matrix and array mathematics of languages like Julia.

Bambinaia

06/17 → 12/17

⚙️ team work, git, js, HTML, CSS, Polymer, Firebase

- Website for pairing nannies and mothers using Google's new Polymer 2.0 front end library for web components with JavaScript and firebase for database management.

Lifelog

01/16 → 08/16

⚙️ SQLite, Java, XML, Android, API

- Build an android app using Android Studio, Dropbox API and Wolfram Mathematica, to keep track of my daily routine and expenses on an SQLite database.