


Phillip Lagoc

Machine Learning Research Assistant

Fourth year undergraduate researcher with experience in data analysis, modeling, Android development, and machine learning techniques that is interested in applying to a data science internship for Summer 2020.

philliplagoc@gmail.com 

4085477499 

5210 Fiore Terrace Apt. L105, San Diego, United States 

philliplagoc.github.io 

linkedin.com/in/philliplagoc 

github.com/philliplagoc 

EDUCATION

B.S. in Cognitive Science, w/ Specialization in Machine Learning and Neural Computation

University of California, San Diego - Class of 2020

09/2016 - Present

GPA - 3.56

Relevant Courses

- Probability and Statistics
- Data Analysis and Modeling
- Linear Algebra
- Machine Learning
- Data Structures and Object-Oriented Design
- Vector Calculus

WORK EXPERIENCE

Machine Learning for Social Science Lab Assistant

The Center for Peace and Security Studies

01/2019 - Present

UC San Diego

Research center of the Department of Political Science, conducting research on the causes of war and peace through machine learning.

Achievements/ Tasks

- Using R to analyze a data set of over 350,000 observations that is being used to train a date parsing package.
- Wrote documentation for and modeled said data set using R's ggplot package to efficiently communicate my findings to co-workers.

Contact: Thomas Leo Scherer - tlscherer@ucsd.edu

Research Assistant

Language Comprehension Lab

12/2017 - Present

UC San Diego

Linguistics lab exploring how a linguistic form maps to a situation model in the human brain.

Achievements/Tasks

- Developed an experiment using JavaScript package JsPsych, which had over 200 participants and was demonstrated in an international linguistics conference.
- Created a R script to merge .csv files from a web-page to facilitate data analysis for other assistants.

Contact: Eva Wittenberg - ewittenberg@ucsd.edu

Android Developer Intern

TheTalkList, LLC.

08/2017 - 01/2018

San Diego, CA

Social education platform that facilitates online tutoring and learning.

Achievements/Tasks

- Collaborated with an international team to test, develop, and implement UI changes in their Android tutoring app.
- Found and debugged over 10 bugs in each new APK.
- Told by CEO Andres Abeyta that I exemplified communication and problem-solving skills.

Contact: Andres Abeyta - aabeyta@thetalklist.com

SKILLS

Java

HTML/ CSS/ JavaScript

PostgreSQL

Android

Jupyter Notebook

Python

Git

Tutoring

Cooperative

Fast-Learner

Communication

R

C

PERSONAL PROJECTS

Titanic Challenge (11/2018 - 12/2018)

- Competed in Kaggle's Titanic challenge, where I had to solve a binary classification problem.
- Using scikit-learn and Jupyter Notebook, I pre-processed the given data, analyzed it, and trained 7 models before aggregating them via ensemble learning, which achieved an accuracy of 0.77.

Personal Website (10/2018 - 10/2018)

- Used HTML, CSS, and JavaScript to launch my own website.
- Taught myself the fundamentals of web development.

Frogger (09/2017 - 09/2017)

- Developed a clone of Frogger using JavaFX.
- Created and incorporated a personal "Game Engine" to facilitate sprite creation and hit-box detection for this and future games.

ORGANIZATION

Serenity (08/2019 - Present)

Co-President responsible for delegating responsibilities and overseeing the application development of our self-help cognitive behavioral therapy app.

Cognitive Science Student Association (06/2018 - Present)

Responsible for engaging the UCSD Cognitive Science Community through professional and academic development events and networking events.

CERTIFICATES

The Complete SQL Bootcamp on Udemy (08/2019)

Introduction to Data Science in Python on Coursera (07/2019)

Machine Learning by Stanford University on Coursera (07/2018) 

Certificate of Writing Excellence (10/2017)

LANGUAGES

Spanish

