Phillip Lagoc

Undergraduate Research Assistant

Third year undergraduate researcher with experience in data analysis and modeling, Android development, and machine learning techniques that is interested in applying to an internship for the 2018 school year and Summer 2019.

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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 - 3.57*

Relevant Courses

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

WORK EXPERIENCE

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

- Conducting and designing online experiments in JavaScript, and analyzing data sets of hundreds of participants using R.
- 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

High School Math Tutor

Early Academic Outreach Program

08/2017 – 05/2018   *San Diego, CA*
College preparation program for high-school and middle-school students of low financial backgrounds.

Achievements/ Tasks

- Cooperated with high school teachers and tutored students in high-school level and Advanced Placement level mathematics.
- Planned and supervised events aimed at encouraging higher education, such as Comienza con un Sueña, where more than 300 high school students attended.

Contact: Ryan Fernandez – r2fernandez@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   Android   Python

Git   Tutoring   Cooperative   Fast-Learner

Communication

PERSONAL PROJECTS

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.

Pong (08/2017 – 08/2017)

- Developed Pong using JavaFX in the span of a week to hone my Java skills.
- Created the GUI, game logic, and implemented two-player functionality.

ORGANIZATION

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

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

Certificate of Writing Excellence (10/2017)

LANGUAGES

Spanish   ●●○○○