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| Phillip Lagoc | | | | | |
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| [linkedin.com/in/philliplagoc](https://www.linkedin.com/in/philliplagoc/) | | [github.com/philliplagoc](https://github.com/philliplagoc) | | [philliplagoc.github.io](https://philliplagoc.github.io/) | |
| **EDUCATION** | | | | | |
| **UNIVERSITY OF CALIFORNIA, SAN DIEGO**  ***Major in Cognitive Science, w/ Specialization in Machine Learning; Minor in Computer Science***  *GPA: 3.60* | | | | | **La Jolla, CA**  **Sept. 2016 – Jun. 2020** |
| * Led weekly sections of 20 students each week as an Instructional Assistant for two Data Science classes from Mar. 2019 to Dec. 2019, assisting students with data preprocessing, graph visualization and data analysis, and machine learning techniques, and its applications in industry. Received over a dozen positive evaluations regarding my performance, including the highest rating for overall performance from the professors of each class. | | | | | |
| **EXPERIENCE** | | | | | |
| **LAB ASSISTANT**  **Center for Peace and Security Studies - Machine Learning for Social Science Lab**  *Contact: Thomas Leo Scherer –* [*tlscherer@ucsd.edu*](mailto:tlscherer@ucsd.edu) | | | | | **La Jolla, CA**  **Jan. 2019-Present** |
| * Collaborating with PhD students from Social Science and technical backgrounds to create machine learning models to solve problems in the social sciences. * Using ggplot to analyze over 350,000 observations of a dataset being used to train a date-parsing package, as well as Python to benchmark other date-parsing packages to understand the landscape of competition. * Increasing co-worker communication and efficiency by putting the dozen weekly tasks into a single slide deck to collaborate our efforts, as well as manage 3-hour biweekly meetings, increasing the average hours worked per 2 weeks 6-fold. | | | | | |
| **RESEARCH ASSISTANT**  **Language Comprehension Lab**  *Contact: Eva Wittenberg – ewittenberg@ucsd.edu* | | | | | **La Jolla, CA**  **Dec. 2017-Present** |
| * Developed an audio and visual experiment using JavaScript package JsPsych, which had over 200 participants and was demonstrated in an international linguistics conference on 2018. * Coded a R script to merge .csv files from a webpage to reduce data analysis time for other lab members. | | | | | |
| **ANDROID DEVELOPER INTERN**  **TheTalkList, LLC.**  *Contact: Andres Abeyta – aabeyta@thetalklist.com* | | | | | **San Diego, CA**  **Aug. 2017-Jan. 2018** |
| * 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. * Distinguished amongst cohorts by receiving a personal compliment | | | | | |
| **PERSONAL PROJECTS** | | | | | |
| **Kaggle’s Machine Learning Titanic Challenge** | | | | | **Nov. 2018-Dec. 2018** |
| * Competed in Kaggle’s Titanic challenge, where I had to solve a binary classification problem concerning a passenger’s survival. * Using scikit-learn, I pre-processed the given data, analyzed it, and trained 7 models before aggregating them using ensemble learning, which achieved an accuracy of 0.77 overall. | | | | | |
| **Frogger** | | | | | **Sept. 2017-Sept. 2017** |
| * Developed a clone of the game *Frogger* using JavaFX. * Created and incorporated a personal “Game Engine” to facilitate sprite creation and hit-box detection for this. | | | | | |
| **CERTIFICATES** | **ORGANIZATIONS** | | **SKILLS** | | |
| The Complete SQL Bootcamp   * Awarded on Udemy on Aug. 2019. | Co-President of Serenity   * Residing from Aug. 2019 – Present.   PR Chair of Cognitive Science Student Association   * Residing from June 2018 – Present. | | * Java, Python, PostGreSQL, HTML/ CSS/ JavaScript, R, C * Android, Jupyter Notebook, Git * Tutoring, Cooperative, Fast-Learner, Communication | | |
| Introduction to Data Science in Python   * Awarded on Coursera on July 2019. |
| Machine Learning - Stanford University   * Awarded on Coursera on Oct. 2018. |