Gregory P. Albarian

Burbank, California 91501
(818)-588-0106 albarian@chapman.edu
GitHub: https://github.com/GregoryAlbarian
Personal Website: https://gregoryalbarian.github.io/PersonalWebsite/

Education

Chapman University: Orange, CA
- **Accelerated M.S. in Computational and Data Sciences; Emphasis in Applied Mathematics and Analytics**　　　　Fall 2021
- **Bachelors of Science in Computer Science Major; Minor in Mathematics**　　　　Fall 2020

Technical Skills

Object Oriented Programming
Data Structures and Algorithms
Machine Learning Libraries in Python (mainly Sklearn, Numpy, Pandas, Matplotlib)
Multithreading and Scheduling
UNIX/LINUX Command Line Terminal (Bash/Shell Scripting)
Git and GitHub
MacOS, Windows, and LINUX operating systems

Languages:
- Java
- C/C++
- C# (.NET framework)
- Python
- HTML5/CSS
- R
- MATLAB
- SQL

Projects

DowJonesDividendAnalysis　　　　October 2020 – Present
- An R script that tries to use graphs to find a relationship between stock dividends and average volumes in the Dow Jones Industrial Average for 2018.
- The data of stock volumes was pulled from Kaggle. The data for the dividends was web scraped using the rvest library. The visualization are done with the ggplot2 library.

FoodApp　　　　March 2019 - December 2019
- A Python3 script showing users the best price to review ratio of nearby restaurants. The Google Maps API provided the data of the nearby restaurants.

BitcoinAnalysis　　　　March 2018
- A program in R that uses data from Kaggle of Bitcoin prices from the years of 2013 to the beginning of 2018
- Uses the ggplot2 library for scatter plots, data frames to store data, and summary statistics to show the rise and fall of Bitcoin during this time

Employment History

Chapman University: Orange, CA　　　　September 2020 – December 2020
Student Faculty Aide/Grader
- Grades students' work and quizzes for Single and Multivariable Calculus

Chapman University: Orange, CA　　　　December 2018 – May 2019
Tutoring, Learning, and Testing (TLT) center
- Student Tutor for Mathematics and Computer Science

Ludwig Klein Court Reporting: Pasadena, CA　　　　June 2017 – July 2017
- Instrumental in the selection of their computer system
- Assessed their computer needs to run their appropriate software
- Worked directly with the owner to discuss the system's goals and budget

Volunteer Work

Burbank Rose Float:　　　　December 2016
- Assisted with construction of the Rose Float