

# Gregory P. Albarian

Burbank, California 91501

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GitHub: <https://github.com/GregoryAlbarian>

Personal Website: <https://gregoryalbarian.github.io/PersonalWebsite/>

## Education

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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

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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

## Projects

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**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

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**Chapman University:** Orange, CA September 2020 – Present  
Student Faculty Aide/Grader

- Grade student works 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 Summer 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

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**United Armenian Congregational Church (UACC):** Los Angeles, CA June 2016 and 2018

- Assisted with Vacation Bible School

**Burbank Rose Float:** December 2016

- Assisted with construction of the Rose Float