FLETCHER TRUEBLOOD

📅 November 6, 1986 @ ftrueblood@mail.fresnostate.edu 📞 (559)730-6611 📍 Visalia, California
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PROJECTS

Senior Project
Geo-location Attendance

📅 August 2019 – December 2019 📍 Fresno State University

- Description – Used of geo-location and class schedules to ensured students could only be marked as present for a lecture if they were physically present during the lecture.
- Techs: HTML5, CSS, JavaScript, PHP, MySQL, XAMPP, AJAX, Bootstrap

Term Project – Big Data Analytics
Demystifying Transportation using Big Data Analytics: A Chicago Case Study

📅 March 2019 – May 2019 📍 Fresno State University

- Analyzed over 15 million taxi fares in Chicago.
- Linear regression was used to determine whether distance or time had a bigger impact on tipping.
- Analyzed hourly taxi fare volume to better aid in staffing taxi drivers throughout the day.
- The use of heat maps revealed popular destinations for each major holiday.
- Techs: Python, Pandas, NumPy, Folium, SciKitLearn, MatPlotLib

Term Project – Advanced Modern Networks
EEG Sensor Network Based Feature Extraction for Predicting Brain Disorders

📅 August 2019 – December 2019 📍 Fresno State University

- Description – Collected EEG data from Kaggle.com and other sources for individuals with various mental illnesses. Built complex networks from 5000 EEG readings and extracted various network features. Assembled a new data set from the extracted feature. Used the new data set to train three machine learning models: SVM, Logistic regression, and K-nearest neighbor. The best accuracy achieved at categorizing which mental illness an individual fell into was 85% with KNN.
- Techs: Python, Pandas, NumPy, SciKitLearn, MatPlotLib, NetworkX, AWS: S3 and Sagemaker notebooks

WORK HISTORY

District Manager
Little Caesar's Pizza

📅 July 2004 – Ongoing 📍 Visalia, California

- Achievements: 2004/2005 Manager of the year, 2006 6th highest sales average world wide, 2015 highest franchise sales average world wide
- Daily responsibilities – Uphold all company quality standards.
- Weekly responsibilities – Hold new employee orientations, review weekly schedules/inventories for accuracy.
- Monthly responsibilities – Ensure OSHA and labor law compliance through audits.

SOFTSKILLS

Learning Potential | Team Work | Organization | Flexibility | Professionalism | Responsibility | Multi-Tasking | Work Under Pressure

PROFESSIONAL SKILLS

Python ●●●●○
JavaScript ●●●●○
HTML ●●●●○
PHP ●●●○○
C++ ●●●○○

STRENGTHS

- Languages

  Python | JavaScript | C++ | PHP

- Markup

  HTML | CSS | Bootstrap

- Development Tools – IDE

  Visual Studio | Jupyter notebooks

- Cloud

  AWS: EC2/S3/Sagemaker notebooks

- Relational Data

  MySQL

EDUCATION

B.S. in Computer Science
California State University, Fresno

📅 January 2015 – December 2019

Senior project: Geo-location attendance program

LANGUAGES

English ●●●●●