

JUSTIN KIANG

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Agile, insightful and proactive data scientist with an aptitude for data analysis and problem-solving. Strong communicator and team-player with exceptional interpersonal skills. Passionate about applying machine learning algorithms to automate mundane or time-consuming tasks, while producing efficiency and deriving actionable insights.

TECHNICAL SKILLS:

Machine Learning, NLP, PCA, Logistic Regression, K-Means, Random Forest, ETL, Neural Networks, Deep Learning, Python, R, Tableau, HTML, ES6 / JavaScript, CSS, RegEx, Markdown, Excel, VBA, Pandas, Matplotlib, Streamlit, Flask, BeautifulSoup, Plotly, D3, Bootstrap, Leaflet, PySpark, Sklearn, Imblearn, Tensorflow, JSON, PostgreSQL, MongoDB, AWS RDS & S3, GitHub, VS Code, Jupyter, Google Colab, APIs, Statistical Analysis, ANOVA, Hypothesis testing, A/B Testing.

RELEVANT PROJECTS:

Mapping Earthquakes (https://justgitcoding.github.io/Earthquake_Mapping)

- Built a beautiful, interactive map with multiple layers that can be toggled by users.
- Plotted various GeoJSON FeaturesCollection Objects using Mapbox's API.

Biodiversity Dashboard (https://justgitcoding.github.io/Web_Visualizations)

- Created an interactive dashboard with dynamic, customizable visualizations (generated using Plotly.js).
- Added JavaScript event listeners (D3.js) to dynamically update the visualizations based on user inputs.

Mission to Mars (https://github.com/JustGitCoding/Space_Exploration)

- Created a Flask web application using Python, which scrapes data related to the Mars Missions and presents it on an intuitive and easy-to-digest webpage (HTML).

PROFESSIONAL EXPERIENCE:

ServiceNow (Santa Clara, CA) – Accounting Manager

September 2018 – January 2022

- Heavily involved in the adoption of new Lease Accounting guidance (ASC 842) including implementation of new system of record, and development of standard operating procedure.
- Analyzed historical accounting data to challenge accruals thresholds and implement automation.
- Managed a team of six accountants for successful month/quarter/year-end accounting cycles.

Deloitte & Touche | Audit & Assurance (San Jose, CA)

Staff (2013) Senior (2014) Manager (2017)

January 2013 – September 2018

- Audited financial statements of SAAS companies and was consistently rated as a top performer.
- Supervised multiple audits, answering technical questions and providing guidance on complex accounting.

Petite Lemon Prints (Sunnyvale, CA) – Consultant

June 2011 – December 2012

- Analyzed weekly business KPIs to identify top performing products and advise on marketing resource allocation.

EDUCATION:

UC Berkeley Extension – Data Analytics Certificate

Feb 2022 – Jul 2022 (expected)

24-week intensive program focused on learning technical programming and data analysis skills in Excel, VBA, Python, R, JavaScript, SQL and NoSQL Databases, Tableau, Big Data, Machine Learning and Neural Networks.

Santa Clara University – Certificate of Advanced Accounting Proficiency

Jun 2012 – Sep 2012

UC Davis – Bachelor of Science in Managerial Economics, Minor in Statistics

Aug 2006 – Jun 2010