

# 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:

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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:

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### Price Evaluator App - <https://justgitcoding-price-evaluator-app-dashboardapp-2wl09m.streamlitapp.com/>

- Built an app that uses machine learning to predict whether the pricing available to a user is discounted, and generate various interactive and static visualizations and dashboards using Tableau, Matplotlib and Altair.
- Used Streamlit.io to create and deploy our application to the cloud while connecting to a PostgreSQL database hosted on AWS.

### Biodiversity Dashboard - [https://justgitcoding.github.io/Web\\_Visualizations](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](https://github.com/JustGitCoding/Space_Exploration)

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

## PROFESSIONAL EXPERIENCE:

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### ServiceNow (Santa Clara, CA) – Accounting Manager

September 2018 – January 2022

- Heavily involved in the adoption of new Lease Accounting guidance (ASC 842).
  - Developed and implemented automated system process to identify embedded leases in service contracts.
  - Performed UAT during implementation of new Lease accounting software, including manual recalculation.
  - Partnered with Technical Accounting and Business teams to develop standard operating procedures.
- Analyzed historical accounting data to challenge accrual and capitalization thresholds, implement automation, and generate significant efficiency for the Finance organization.
- Drove process globalization by simplifying and documenting efficient accounting processes and driving consistency between Corporate and International teams.
- 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 audit teams, answering technical questions and providing guidance on complex accounting.
- Reviewed and assessed SOX 404b and COSO 2013 compliance by testing the design, implementation and operating effectiveness of controls.

**Petite Lemon Prints (Sunnyvale, CA) – Consultant**

June 2011 – December 2012

- Implemented accounting system for the start-up, enabling management reporting in aggregate and by division.
- Analyzed weekly business KPIs to identify top performing products and advise on marketing resource allocation, reducing overall expenses by 19%.

**EDUCATION:**

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**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**