Vin Anand

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EXPERIENCE

Capital One Ventures   New York, NY
Investor, Data and Enterprise Technology   *March 2025 - Present*
- Building strategic investment cases for opportunities in data science, model development, and foundation models. Active projects include tabular graph transformer models, data notebooks, query engines, and vector search, among others.
- Cultivated internal relationships with product and engineering leaders to test emerging technology and accelerate commercial contracts.

Capital One   New York, NY
Product Manager, AI/ML   *Aug 2021 - Feb 2025*
- Launched feature engineering tools and inference engines to deliver customer marketing and fraud detection models at scale; recent launches have decreased time to market of acquisition models by over XX% and led to an X% increase in quarterly growth of card products.
- Implemented a low-latency feature storage layer on DynamoDB to improve compute and serving efficiencies for batch features.
- **Patent:** Anand, Govind. 2023. *Training Machine Learning Models Based on Feature Validity*. U.S. Patent 18/317,898 filed May 15, 2023. [[link](#)]

Alio   San Francisco, CA
Software Engineer (Data) | *[Series B](#)*   *Sep 2020 - Jun 2021*
- Developed and trained a random forest regression model on patient diagnostic data to predict blood hematocrit to 98% accuracy.
- Processed photoelectric sensor data from Alio's kidney device; transformed signals into categorical data as inputs for supervised learning models to accurately provide predictions on red blood cell count for patients suffering from kidney disease.
- **Technologies**: MongoDB, AWS Sagemaker, Databricks

Flexport   San Francisco, CA
Strategy Co-op   *Jan 2019 - Aug 2019*
- Created a market entry strategy for Flexport's third party logistics software tailored for the domestic trucking vertical using internal regional shipping data and a competitive analysis of high throughput trade centers across the pacific northwest, midwest and south.
- Proposed a three year phased approach to the C-suite and identified metrics to track product success and operational lift.

National Geographic   Washington, DC
Data Science Co-op   *Aug 2018 - Dec 2018*
- Analyzed 14 terabytes of session data on over 1MM National Geographic customers to quantitatively identify consumer behavior; created a collaborative filtering model to recommend digital content, outperforming the baseline in production and decreasing attrition by XX%.
- Constructed and cross-validated random forests, feed-forward networks, and logistic regression models to develop customer segmentation.
- **Technologies**: Google BigQuery, Apache Spark, pandas, scikit-learn

EDUCATION

University of California, Berkeley
B.S. Electrical Engineering & Computer Science | *B.S.* Materials Science and Engineering

LEADERSHIP AND VOLUNTEER EXPERIENCE

Minds Matter   New York, NY
Mentor | Writing and critical thinking   *Sep 2022 - Present*
- Minds Matter is a nonprofit organization which connects students from low-income families with mentors who help prepare them to succeed in college and beyond [[link](#)].
- As a mentor and writing advisor, I work with a group of ten students on a weekly basis to improve their English skills as they prepare applications for undergraduate institutions; help curate content and lead writing workshops to help students with their college essays.

SCET Leader Studio   Berkeley, CA
Case Researcher   *Dec 2018 - May 2021*
- Authored and published leadership case studies on Greta Thunberg and Eric Schmidt through UC Berkeley's Leader Studio [[case study](#)].
- Analyzed attributes of industry leaders and evaluated their success by studying the correlation between the organization and individual's background; case research was co-authored and advised by Dr. Pamela Park of Harvard Business School and UC Berkeley.

SKILLS AND INTERESTS

- **Skills**: applied data science (Python), product thinking (Figma, Lucid), data analytics (SQL, Tableau), market research, venture incubation
- **Interests**: unsupervised machine learning, [The Modern Garage](#), computational materials science (research on nanotechnology and semiconductor engineering are on my [personal website](#)), track and field; qualified and competed at Penn Relays 2016 for the 4x100 relays