NIKHAR ARORA

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EDUCATION

University of California, Berkeley   **May 2021**
Haas School of Business: BS, Business Administration
College of Engineering: BS, Electrical Engineering and Computer Science (EECS)

PROFFESSIONAL EXPERIENCE

McKinsey & Company, Senior Engineer 1   **July 2021 - Present**
Fastest promotion to Senior Engineer 1 (2 promotions in 1.5 year vs 3 year average); Rated "Distinctive" (top 1-5% of US performers)
Product Management for Accelerated MVP Delivery (3 months)
- Served as Technical PM for a major US fast-food client to oversee MVP build and launch of a scheduling planning and management tool released to 10,000 US stores; Developed product work plan and timeline, owned and managed release planning including identification of key delivery dates and deployment reqs., and established performance monitoring mechanisms to ensure timely and effective delivery of MVP.
- Led engineering team capability building efforts inc. designing system architecture and leading cross-functional conversations with designers.

Generative AI Copilot and Document QA Tool (4 months)
- Utilized Langchain, OpenAI, Faiss, and React to build a document query and chat agent Copilot tool for a leading telecommunications company to improve customer service experience and reduce average handling times; Used RAG, multi-shot prompting and built intent recognition pipeline to have LLM identify best data source between knowledge repository, SQL data tables, and troubleshooting flows.

Data Analytics Platform and Pricing Process Digitization (7 months)
- Designed and implemented full-stack platform using SQL, Postgres, Flask, Python, and React to digitize an Excel-based drug pricing process (~1 week process reduced to 2-3 hours) for leading pharmaceutical company; Built data visualization and analytics platform to view datasets containing 100 million+ row using automated ETL pipelines built within Dataiku and integrated within Amazon AWS.

New SAAS Product Development (4 months)
- Built full-stack scalable SAAS product, a consumer returns portal, for a reverse logistics company, using white-labeling to enable new portals to be spun up in 1 hour with $20 million in ARR per client; Built from scratch using GCP, Django, Python, and Vue.js to enable end-to-end capabilities for customer to warehouse; Launched on top 10 US retailers sites to serve 50 million customers a month.
- Managed risk analysis, planning, and maintenance of release plan for cross-functional teams to ensure effective and weekly delivery.

Intellix Design   **Jan 2022 - Present**
- Created a custom React [website](#) for leading Silicon Valley construction management firm to bring in additional revenue and contacts.
- Photographed and edited all site content using Adobe Illustrator, Photoshop, and Lightroom including logo design and text generation.

McKinsey & Company, Summer Digital Analyst   **May 2020 – Aug. 2020**
- Guided digital business strategy for a Fortune 500 utility client to decrease company operational costs by 15% (reduced call volume) through development of online payment arrangement enrollment and online payment offerings; Ranked top customer utility site for customer experience after completion of engagement; Instituted and coached client team on Agile project management best practices.
- Developed .NET Web APIs and Angular PWAs; Responsible for DevOps, including automated testing, build/release pipelines.

Google, Software Engineering Intern   **May 2019 – Aug. 2019**
- Migrated the Google News content recommendation and user engagements machine learning model into a TensorFlow Extended pipeline.
- Increased recommendation model clickthrough rate (CTR) by 1-3% daily via TFX pipeline that would clean inputted data, train a new model, run model validation, and automatically push to production daily, including monitoring of system.
- Technologies: Python, TensorFlow, TensorFlow Extended (TFX), Deep Neural Networks

Google, Engineering Practicum Intern   **May 2018 – Aug. 2018**
- Increased face detection speeds within Google Photos iOS by 14x through designing and implementing a single shot convolutional neural network on the GPU. Developed a testing framework in TensorFlow to compare results from mobile application.
- Technologies: Python, TensorFlow, C++, Objective C, Metal Performance Shaders, Convolutional Neural Networks

LEADERSHIP/CO-CURRICULAR ACTIVITIES

Cal Alumni Club of New York, Executive Board Member   **Oct. 2021 – Present**
- Serve as an alumni mentor to new graduates and incoming students, organizing events for 100+ members in the New York City region
- Re-designed and built organization [website](#) from scratch to promote events and programming and bring in ~450 new active members.

Mobile Developers of Berkeley, President   **Jan. 2018 – May 2021**
- Oversaw a 6-person leadership team and managed each of the branches in the organization; Built online curriculum and managed organization through Covid-19 pandemic to uphold member experience; Worked with university administrators to improve diversity/access to tech on campus; Planned MDB's annual Techfair a 350-person event for the Berkeley entrepreneurship community.

PROFESSIONAL SKILLS

- **LANGUAGES:**   Python, JavaScript, Swift, Java, C++, R, SQL, Objective C
- **FRAMEWORKS:**   TensorFlow, Node, React, TypeScript, Vue.js, PostgreSQL, MySQL, Firebase, GCP, AWS, Langchain, Docker
- **TOOLS:**   Microsoft Office, Adobe Illustrator/Photoshop, WordPress, Squarespace