ARJUN MEHTA

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EDUCATION

University of California, Berkeley   **Berkeley, USA**
B.S. Electrical Engineering and Computer Science*   **2013 – 2017**
- *Orgs:* Tech Lead: Berkeley Student Food Collective, Research Asst: Berkeley Institute Data Science, Tech Chair: Berkeley Innovation
- *Achievements:* Fall 2015 Designathon Runner Up, IEEE Micromouse Robotics Seminar Instructor, Cal Hacks 2014 Honorable Mention

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PROFESSIONAL EXPERIENCE

Plume Design Inc.   **Palo Alto, USA**
Consumer Experience Platform for Smart Home and Wireless Services
Senior Software Engineer – Tech Lead   **November 2020 – present**
- Lead engineer on small business initiative to enable SMBs on Plume networks to use of mobile network as a backup Internet gateway. Brokered technical conversations with SMB clients, initiated discussions with multiple virtual SIM card providers to engineer integrations sustainably, and currently collaborating with 6 hardware and software engineers to architect a solution that supports this hybrid use case. The initiative enables 10000+ SMBs to have more secure and dependable Internet connectivity and carry out business.
- Owned development of the company-wide corporate dashboard tool that monitors key performance indicators at Plume. Liaised with User Interface team in Slovenia to create visualizations of business metrics, while optimizing data pipelines that reduced application latency by 85%. Designed processes and mentored 4 junior engineers through their implementation. The CEO used the dashboard to dynamically present data in investor and partner meetings, and I was rewarded with a spot bonus for the sprint before year-end.
- Championing transition of over 30 unique cloud offerings to managed cloud services for better scalability and control, in deep collaboration with DevOps, Information Security and Platform Engineering teams.

Trifacta Inc.   **San Francisco, USA**
Data Wrangling Platform for Self-Service Data Preparation
Senior Software Engineer   **June 2017 – November 2020**
Previous: Software Engineer, Software Engineer 2
- Promoted to Software Engineer 2 in 9 months, and Senior Software Engineer 12 months thereafter.
- Led design of machine learning based interactive features for improved data quality, resulting in 25% better engagement among customers. Participated in subsequent Sales POCs by demonstrating the features to help win several multi-million dollar deals. The project involved leading the engineering team through many ups and downs, and I was presented with an "Above and Beyond" award.
- Ideated and pitched to senior management a proposal for a customizable MapReduce framework for performance optimization of data ingestion into the Trifacta platform. Architected a solution that saw up to a 50x speedup.
- Strategized and executed a yearlong initiative for engineering teams across San Francisco, Berlin and Bangalore offices to reduce cloud resource footprint, reducing cloud operational costs by 30%. Consolidated cloud deployment processes to replace old and inefficient quarterly product releases with more agile monthly product releases.
- Enabled 2 million+ users to collaborate on tasks within the self-service Google Data Prep platform, powered by Trifacta.
- Created Trifacta's cross-department learning initiative and organized 50+ buddy sessions to promote cross functional learning

Sighten Inc.   **San Francisco, USA**
Software Platform for Solar Sales Pipeline
Software Engineering Platform Intern   **May 2016 – August 2016**
- Designed 20+ incentive, credit & loan solver machine learning based models for forecasting homeowner financial performance given solar & housing parameters with over 85% accuracy, which won Sighten deals with 10 of the industry leading solar installers.
- Created an interactive administrative portal to help Sales onboard new customers quicker, reducing lead time from 6 weeks to 2 days.

LEADERSHIP & OTHER ACTIVITIES

- Corporate Finance Lead, S.Y.STEM Coalition: Leading group of 4 in corporate finance team to organize funds to sponsor STEM trainings for K-12 students, $10000 in grants so far. Organized a Junior Shark Tank program for students to win scholarships to colleges.
- Technical Mentor, Hackbright Academy: Personal mentor for 5 women over year long boot camp, all landed 6-figure tech jobs
- Founder, The Apps Advisor: Created online tech blog (https://androidappshq.com) for Android fans. Over 80000 views, 100 articles.
- Co-Founder & CTO, Bingeworks LLC: Created an adaptive 3D printed smart pen grip to record gestures made by pointing devices. Led team of 3 to develop proprietary Arduino libraries for data transfer from an optical mouse sensor to an Android Application via Bluetooth Low Energy reducing data exchange latencies by almost 50% compared to market. (http://www.arjunmmehta.com/project/pen)

Interests: Basketball, Ballroom Dancing, Investing, Hiking, Reading
Nationality: Indian
Languages: English (Native), Hindi (Fluent), Gujarati (Fluent), Marathi (Business), Spanish (Basic)
Computer Skills: Java, Python, C/C++, JavaScript, ROS, SQL, MS Office, Photoshop, Illustrator, Google Suite