Adnaan Sachidanandan

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Experience

Vocode – Sep 2023 - Now

Founding Engineer

- Joined as an early hire and scaled core product, which runs AI agents on phone calls by combining LLMs with transcription and synthesis
- Designed and implemented fundamental product functionality as well as various improvements in system reliability and observability
- Led projects and managed relationships for multiple key customers, helping them adapt the product to their production use-cases
- Trained custom LLMs for intelligent conversational agents and features like voicemail detection, and created internal pipelines for the entire ML lifecycle from data curation to model evaluation

UC Berkeley RISE Lab – Mar 2021 - Aug 2022

Undergraduate Researcher

- Conducted computer vision research on 3D novel view synthesis for scene reconstruction and representation under Prof. Joseph Gonzalez

Scale AI – June 2021 - Aug 2021

Software Engineer Intern

- Developed character-level OCR model for project with key customer to predict pixel-perfect polygons with over 85% accuracy

UC Berkeley CS 170 Course Staff – Feb 2020 - May 2022

Teaching Assistant (uGSI)

- Taught multiple discussion sections for over 150 undergraduate students in UC Berkeley's course on Efficient Algorithms

Apple – June 2020 - Sep 2020

Intern - Siri

- Built Siri functionality to enable emergency contact calling – released to public in iOS 14.5 – and worked on Siri functionality for RTT/TTY calling
- Worked in Swift, Objective-C, and Java across three different repos
- Interfaced with design, NL, testing, and other teams during development

VMware – May 2019 - Aug 2019

Cloud Engineering Intern

- Designed and implemented an internal system that improves the end-to-end release cycle for VMware's private cloud product
- Worked on a full-stack system with an Angular frontend, Spring/Java backend, and Postgres database/persistence

Education

University of Cambridge

MPhil in Machine Learning and Machine Intelligence

Dissertation: 3D Pose Estimation and Topology Reconstruction Using Foundation Models and Render and Compare

Key Coursework: Probabilistic ML, Computer Vision, Deep Learning, Advanced Robotics, Machine Translation & Dialogue Systems, Advanced ML

University of California, Berkeley

BA in Computer Science, BS in Business Administration

Key Coursework: Efficient Algorithms, Artificial Intelligence, Probability and Random Processes, Machine Learning, Computer Graphics, Grad Computer Vision

Languages, Frameworks, Tools

- Languages: Java, Python, Javascript/ Typescript, C, C++, SQL, HTML/CSS, Swift, Objective-C
- Frameworks/Tools: PyTorch, Tensorflow, NumPy, Keras, Node.js, Angular, GCP, AWS, Terraform, Asyncio

Recent Awards

Master's Distinction

- Awarded to the top students in each MLMI cohort based on grades/marks in coursework and the dissertation

Phi Beta Kappa Honor's Society

- Top 10% of graduating class at UC Berkeley

IEEE Upsilon Pi Epsilon Member

- Top 25% of CS Students at UC Berkeley

Berkeley Dean's List

- Awarded 4 times for academic excellence in Computer Science