SHAHZEB LAKHANI

(408) 613-3190 | shahzeb.lakhani@gmail.com | https://github.com/ShahzebL | https://www.linkedin.com/in/shahzeb-lakhani/

EDUCATION

University of Southern California   Los Angeles, California
Bachelor of Science Computer Science and Business Administration (GPA: 3.90)   August 2022-May 2025

EXPERIENCE

APIsec.ai (VC Backed Security Company)
AI Engineer Intern   May 2023-August 2023
- Coordinated with engineering, product, and AI leads to develop and complete solution to reduce human effort by 90%
- Developed a classifier solution end-to-end by accumulating, transforming, and fitting data, then hosting an API endpoint with created model for DevOps to deploy into production product to allow for efficient access
- Utilized LangChain to build a natural language interface condensing key information for customers' increased ease of product use
- Leveraged tech: Optuna, Seaborn, SKLearn, IMBLearn, NLPaug, Gradio, FastAPI, LangChain, Autokeras, AWS Sagemaker

BurnBot (VC Series A Fire Prevention Technology Company)
Software Intern   June 2022-September 2022
- Ideated with founder to construct solution for identifying high risk areas for forest fires
- Architected and built an analytics program utilizing commercial forest imaging data to provide large-scale analysis on forest-fire fuel as well as high-risk buildings data to identify potential customers
- Leveraged tech: Scipy, Rasterio, Geopandas, Jupyter Labs

Veke.co (VC Seed funded 20-Person Stealth Startup)
Engineering Lead   August 2021-May 2022
- Led team to deliver 1.0 of the Veke platform, where content creators monetize creations, by creating an AWS backend and frontend infrastructure
- Facilitated seed funding as part of leadership team to acquire funds for development of product
- Leveraged tech: Prisma, Typescript, Node.js, SQL, Figma, AWS, Git

Zscaler (Nasdaq Zscaler)
Product Management Intern   July 2021-October 2021
- Partnered with product management to automate human-based data collection and integrate results into underlying product
- Tested with software engineers to determine efficacy of added metrics, such as its TLS version, location, or compliance
- Leveraged tech: Excel, Requests, Numpy, Pandas, Matplotlib

Thales (AI Analytics)
Software Engineering Intern   June 2019-August 2019
- Extended python webscraper to pull Q&A from web forums to train ML model for automated customer service response
- Leveraged tech: Selenium, Spyder, Word2Vec

LEADERSHIP & INVOLVEMENT

USC Value Investing Group Analyst   February 2023-Present

USC AI Safety Vice President   February 2023-Present

USC Economics Review Writer   January 2023-Present

National Economics Gold Medal Team Captain   January 2022-July 2022

SKILLS & CERTIFICATIONS

Artificial Intelligence/ML application, Node.js, C++, CMake, Linux, Python, Javascript, Java, Web Scraping, Model Development, TensorFlow, scikit-learn, PyTorch, Numpy, Pandas, Matplotlib, AWS, CV, Predictive Analysis, ML algorithms, Reinforcement Learning, Typescript, SQL, Figma, Geopandas, Flask, Ruby on Rails, Word2Vec, LLM