SHAHZEB LAKHANI

Los Gatos, California | (408) 613-3190 | shahzeb.lakhani@gmail.com | https://www.linkedin.com/in/shahzeb-lakhani/

EDUCATION

University of Southern California Los Angeles, California
Computer Science and Business Administration (Machine Learning) May 2025-May 2025
Viterbi School of Engineering

EXPERIENCE

BurnBot (VC Series A Fire Prevention Technology Company) San Francisco, California
Software Engineer June 2022-September 2022
- Conceptualized with cofounder to innovate uses of new data to identify prospects and achieve product-market fit
- 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
- Leveraged tech: Scipy, Rasterio, Geopandas, Jupyter Labs

Veke.co (VC Seed funded 20-Person Stealth Startup) Issaquah, Washington
Head of Engineering 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
- Leveraged tech: Prisma, Typescript, Node.js, SQL, Figma, AWS, Git

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

APIsec.ai San Jose, California
API Vulnerability ML July 2020-February 2021
- Implemented application to extract word semantics from key characteristics of each endpoint
- Scripted an API feature extractor to feed into a Deep Neural Network to determine specific endpoint vulnerabilities, reducing false positives to improve effectiveness of product
- Leveraged tech: Tensorflow, Google API, Word2Vec

Thales (AI Analytics) San Jose, California
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

SKILLS & CERTIFICATIONS

- Gold Medal - International Economics Olympiad, Gold Presidential Service Award, 1st Place Future Problem Solving International Competition, Competitive Tennis Player
- Artificial Intelligence/ML application, Node.js, C++, CMake, Linux, Python, Javascript, Java, Web Scraping, Model Development, TensorFlow, sci-kit-learn, PyTorch, Numpy, Pandas, Matplotlib, AWS, CV, Predictive Analysis, ML algorithms, Reinforcement Learning, Typescript, SQL, Figma, Geopandas, Flask, Ruby on Rails, Word2Vec, LLM

LEADERSHIP & INVOLVEMENT

USC Value Investing Group Los Angeles, California
Analyst February 2023-Present

USC AI Safety Los Angeles, California
Technical Track February 2023-Present

USC Economics Review Los Angeles, California
Writer January 2023-Present

Captain National Economics Challenge January 2022-July 2022