AMEEN QURESHI

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EDUCATION

University of Southern California — Los Angeles, CA
Bachelor of Science- Computational Linguistics Minor-Economics — August 2022-May 2025

- GPA 3.33/4.0 Relevant Coursework: Data Structures, Discrete Math, Programming in Python, Java Programming, Intro to Linux, Human Language as Computation, Linguistic Anthropology, Syntax, Phonetics and Phonology, Introduction to AI

SKILLS

Technical: MS Office Suite, Programming languages (Java, C++, Python, JavaScript, React, SQL, HTML, CSS), Linux, TensorFlow, Pytorch
Certifications: Data Analysis, Supervised Machine Learning, Elements of AI and Project Management
Languages: English, French and Urdu

EXPERIENCE

University of Southern California — Los Angeles, CA
Undergraduate Research Assistant — May 2023-Present

- Investigate how AI extracts mathematical knowledge from a speech signal and what part of sound wave affects attention head
- Construct models for focus of every frame of attention when parsing speech through splicing data using HuBert and Python
- Pinpoint how amplitude alters attention and how it affects automatic speech recognition systems in 3 non-Indo-Aryan languages

Western Digital Technologies — San Jose, CA
People Intelligence Analytics Intern — June 2023-August 2023

- Implemented NLP Scripts used daily by 4 HR Analysts to cut analysis time down by 90% for AskHR queries
- Devised a ML program to predict a 20-58% employee turnover rates based on university placement for current grads
- Employed business intelligence tools such as Tableau, SQL, Power BI to visualize employee data to enable C-Level individuals to easily view the HR data of employees
- Constructed a sentiment analysis bot leveraging BERT to gauge what feedback should try and be implemented in next quarter

PROJECTS

ARLINGO — December 2023-Present

- Partnered up to design a AR language learning app designed for Apple Vision Pro to teach 2 languages in different AR scenes
- Wrote Swift Code and used 5 ML models to perform image detection, voice recognition, text generation, and translation

ZenProductivity — July 2023-November 2023

- Led a team of six people to develop a content delivery platform aimed to student productivity when entering workforce
- Designed the Figma, performed 10+ hours customer discovery, and did full stack work in React/Firebase to create an MVP

Weather Bot — May 2023-May 2023

- Created a chatbot in Pytorch can provide weather forecasts up to one week by web scraping to gather weather information
- Developed three layer neural network with tokenizers, stemming, and bag-of-words to understand questions about forecasts

LEADERSHIP AND INVOLVEMENT

CreativeLabsSC — Los Angeles, CA
President — August 2023-Present

- Oversaw club, including managing 10 board members, coordinating funding for projects, and planning multiple social events
- Fostered collaboration between board members to execute 3 sprints including Marketing, Recruitment, and Exhibition
- Taught 6 project leads how plan sprints and tracked progress throughout semester while acting as a mentor

NISA - Domestic Violence Shelter — Palo Alto, CA
Event Coordinator — May 2016-August 2021

- Facilitated fundraising events with 200+ people in attendance, collected donations totaling over 100,000 dollars
- Built and installed 8 large lockable wooden cabinets for clients to enable clients to feel safe in shared rooms

AWARDS

- Eagle Scout: The highest rank in Boy Scouts in America