VIREN KHANDAL

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PROFESSIONAL SUMMARY

Detail-oriented **Student** proficient in the entire software development pipeline. Hardworking and efficient individual skillful at developing multi-platform applications. In-depth knowledge of machine learning, data analysis, and software engineering operations.

EDUCATION

University of California, Berkeley
Aug 2019 - Mar 2022

Bachelor of Arts: Computer Science
Bachelor of Arts: Applied Mathematics (Data Science Specialization)

Stanford University
2018-2019
Summer College: Mathematics and Computer Science

SKILLS

- **Programming Languages:** Python, Java, C, MATLAB, R, SQL, JavaScript
- **Technologies:** AWS, Azure, GCP, Git, IBM Watson, OpenCV, TensorFlow
- **Industry Knowledge:** Data Mining/ Analysis, Machine Learning, Software Development, Research, NLP
- **Interpersonal Skills:** Public Speaking, Teamwork, Communication

EXPERIENCE

Machine Learning/NLP Researcher - Hirebee.ai

Remote · Jan 2021 - Current

- Streamlining the HR process by developing NLP-based algorithms for job similarity and candidate progression
- Designed and deployed multilayered CNN to extract categorized skills from jobs and resumes with 99% precision

Machine Learning Intern - InternPursuit

Remote · Jan 2021 - Current

- Enhance and implement machine learning systems to enable rapid model development, production, and iteration
- Design and implement online and offline model evaluation and connect model performance to business outcomes using Python, numPy, MongoDB, and Tensorflow

Undergraduate Student Researcher - CoolClimate Network

Berkeley, CA · Jan 2020 - Current

- Used **R** and **Python** to perform qualitative and quantitative analysis of US Census Tract data.
- Designed and developed analytical map deliverables for San Francisco County (published in CBEI report on eScholarship)

Senior Mentor - Computer Science Mentors

Berkeley, CA · Jan 2020 - Current

- Lead weekly tutoring session to teach students about concepts revolving around linear algebra, circuit analysis, and machine learning
- Conduct weekly meetings to help mentors become better mentors and be more comfortable with teaching

Backend Developer - WhatElse.io

Berkeley, CA · Sept 2019 - Feb 2020

- Used Flask and RESTful web services to design and develop Python-based application an interactive dashboard
- Pitched start-up to 100+ VC firms and 200+ investors at official Berkeley SkyDeck Demo Day