

Harsita Keerthikanth

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EDUCATION

San Jose State University – San Jose, CA

August 2022 - May 2026

Bachelor of Science in Computer Science, Minors in Human Systems Integration and Statistics

Relevant coursework: Data Structures and Algorithms, Object Oriented Design, Discrete Maths, Calculus I & II, Linear Algebra, Computer Systems, Database Management Systems, Operating Systems, Programming Paradigms, Applied Probability and Statistics

Cornell University – Ithaca, NY

May 2024 - May 2025

Machine Learning Foundations Certificate, Break Through Tech AI

Relevant coursework: Statistics, Exploratory Data Analysis, Dataset Building, Training Regression Models, Natural Language Modeling

SKILLS & CERTIFICATIONS

Skills: Java, Python (NumPy, Pandas, Scikit-Learn, Matplotlib, Seaborn), HTML/CSS (TailwindCSS), JavaScript (React.js), TypeScript, MIPS Assembly, R, SQL, C | **Tools:** Eclipse, IntelliJ, VSCode, Git, GitHub, Figma, Canva, Replit, Jupyter Notebook, Google Colab, PyCharm, Kaggle | **Certifications:** Machine Learning Foundations (Cornell University), Product Management (Udemy)

EXPERIENCE

Artificial Intelligence Engineer Intern - Dugree

July 2024 - Present

- Conducted literature reviews on philosophy and ethics to inform AI development, improving handling of complex topics
- Analyzed AI interactions using data analysis to refine AI performance, resulting in a 25% increase in the model's accuracy
- Implemented targeted training strategies for AI models, leading to a 20% enhancement in the model's conversational depth

Head of Design - Codology

September 2023 - June 2024

- Led a 7 member team of designers by reviewing mockups, providing mentorship, and facilitating skill development
- Conveyed messaging across multiple social platforms and increased overall engagement by 70% after analyzing metrics
- Defined and communicated a clear design vision to stakeholders, aligning cross-functional teams around user-centered goals

Undergraduate Researcher - San José State University

September 2023 - May 2024

- Collaborated in a team of 4 peers on diverse tasks including data collection and analysis, literature review, and presentations
- Delivered weekly progress updates to our advisor, communicating complex technical ideas in a clear and concise manner
- Developed an EEG-based brain-computer interface, focusing on signal processing and ML to enhance control and usability

Product Manager and Frontend Developer Intern - Glocal

September 2023 - January 2024

- Led conceptual design of 3 product features after conducting competitor analysis, feasibility studies, and market research
- Designed 30+ wireframes, high-fidelity mockups, and screen prototypes for development using collaborative design tools
- Developed 5 app features on the front-end to align with product vision, enhancing user experiences and ensuring optimal usability

PROJECTS

SafeSwan - Designer, Developer

[View Project](#)

- Developed a user-centric platform focused on enhancing safety through intuitive crime statistics visualization and AI
- Collaborated cross-functionally to improve user experience and functions, balancing product vision with technical feasibility
- Utilized **Python**, **React**, **TypeScript**, and **OpenAI API** to implement key functionalities

Electroencephalogram (EEG) Data Analysis Using OpenBCI - Lead Analyst

[View Project](#)

- Utilized **Pandas** and **NumPy** to preprocess and transform EEG datasets, ensuring accurate and clean data for analysis
- Created detailed data visualizations with **Matplotlib**, showcasing EEG signal variations and event-related potentials (ERP)
- Enhanced understanding of neural responses, developing visualizations to convey complex data insights to stakeholders

LEADERSHIP & AFFILIATIONS

Break Through Tech AI at Cornell Tech | AI/ML Fellow

May 2024 – Present

- Selected from 3000+ applicants for fellowship in a program designed to advance careers of women in AI, ML, and Data
- Completed Cornell's machine learning certificate, including hands-on projects and mentorship from industry professionals
- Conducted data analysis and preprocessing, trained and implemented ML algorithms various using Python libraries

Girls Who Code SJSU | Vice President

December 2023 – Present

- Managed 4 e-board members, organizing meetings and 1-on-1 calls for project success and seamless execution of events
- Implemented innovative growth strategies, such as social media outreach and tabling, achieving a 160% rise in membership
- Cultivated relationships with external partners, securing business opportunities and events with top tech companies