Hritvik Khode in 🌐

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EDUCATION

Bachelor of Science - Computer Science and Technology Management minor, University of California - Davis September 2020 - June 2024
- Committed to strengthening my skills and knowledge in the fields of Math, Computer Science, Economics, and Technology Management.
- Focused on problem-solving and formulating essential solutions.

EMPLOYMENT HISTORY

SWE Intern at KPIT Technologies   Novi, MI   June 2023 - August 2023
- Demonstrated advanced proficiency in designing, implementing, and optimizing Machine Learning and Deep Learning models.
- Achieved substantial outcomes through innovative and effective Data Augmentation techniques, contributing to enhanced model performance and robustness.
- Successfully visualized and augmented LiDAR data sourced from the challenging KITTI dataset.
- Developed a full-fledged face-recognition attendance software.

Product Manager Intern at Pratiti Technologies   Pune, India   December 2022 - January 2023
- Collaborated with software engineers to ensure product development matched the product specifications of the client.
- Effectively translated user stories and matched them to the product prototype on FIGMA.
- Familiarized myself with JIRA and efficiently navigated through it to develop and enhance user stories.
- Ensured product matches specifications by formulating test cases for product testing.
- Learned effective ways to formulate user stories and effectively implemented the techniques.

Marketing & Sponsorship Manager at TEDxYouth@Baner   Pune, India   March 2019 - October 2020
- Organized and analyzed data and marketing results.
- Successfully prioritized product requirements and set realistic expectations in regard to development and timeline.
- Achieved product requirements within set scope and schedule.
- Approached potential sponsors through effective communication of the event structure and ideas.
- Coordinated mailings, marketing materials, and website content and introduced scheduled targeted email marketing programs.
- Worked alongside marketing specialists and graphic designers

Outreach and Marketing at EnvironEarth   Pune, India   February 2019 - March 2019
- Increased customer retention rate with excellent customer service skills and commitment to customer satisfaction.
- Maintained up-to-date knowledge of all promotions.

COURSES

- Technology Management: Managing and Using Information Technology (using frameworks such as SIPOC, Bullseye, RCA, etc. to analyze problems in the tech industry), Supply Chain Planning and Management.
- Computer Science: Programming in Java, Introduction to Python, Website creation with HTML, JavaScript, and CSS, Programming in C, Object-Oriented Programming - Arrays, Vectors, Maps, Inheritance, Polymorphism, etc., Data Structures in - Linear Data Structures (stacks, queues, deques), Trees (Binary Trees, BST, AVL, Splay), Data Compression, Hashing, Graphs, Sorting Algorithms, Machine Dependent Programming, Probability & Statistical Modeling for Computer Science, Algorithm Design & Analysis, Theory of Computation
- Economics: Principles of Microeconomics and Macroeconomics, Theory of Games and Strategic Behavior
- Math: Calculus, Discrete Math, Linear Algebra

SKILLS

- C/C++, Java, Python, HTML, CSS, JavaScript, Microsoft Office(+Access), Linux, Assembly Code, MATLAB, STATA, R, Hypothesis testing and statistical modeling, JIRA, FIGMA, inter-conversion between C++ and JAVA, PyTorch, TensorFlow
- Highly organized and efficient, Creative problem solving, Interpersonal communication, Agile methodologies

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PROJECTS

- Creating a version of Connect-n in C.
- A game of Battleships using hit and destroy, find and destroy, and making an AI for the same using C++.
- Creating a version of a text editor in which you can scroll up and down, insert text, move cursor, save files, and also perform undo/redo functions using C++.
- Apple service scheduling flaws analysis using frameworks such as SIPOC, RCA, etc.
- A personal portfolio website using HTML, CSS, and JavaScript.