

Rithvik Saurine Doshi

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EDUCATION

Boston University College of Arts and Sciences, Boston, MA May 2024

B.A., Computer Science; M.S., Computer Science; Kilachand Honors College

GPA: 3.82/4.00; Activities: Treasurer of Theta Tau Professional Engineering Fraternity, Hack4Impact BU

Academic Team Project: BU SPH x Spark! Domestic Violence During Covid Fall 2022

- Led a team analyzing Google Search trends and police calls pertaining to domestic violence during the Covid-19 pandemic using Bayesian and Linear Regression methods
- Presented findings to School of Public Health client that would aid their research and policymaking

WORK EXPERIENCE

Deloitte Consulting LLP, Arlington, VA June 2023 – August 2023

Solutions Engineering Summer Scholar

- Coordinated logistics and infographic materials for Fed Health GenAI Nerve Center Demo Fair, showcasing 20 demo teams to 100+ Fed Health practitioners
- Extracted target cohort demographics from state medicaid database building towards Federated Learning Pipeline

BU Spark!, Boston, MA January 2023 – Present

Machine Learning Project Manager

- Managed three teams per semester in CS/DS549 (Spark! Machine Learning X-Lab Practicum) working to provide clients with ML-driven software applications.
- Won the People's Choice Award at Spring 2023 Demo Day with team that built a pipeline for detecting and identifying missing children using a face aging GAN and computer vision techniques

AI4ALL @ Boston University, Boston, MA June 2022 – August 2022

Program Coordinator and Research Assistant

- Applied ESPNetv2 to an embedded system to test image segmentation accuracy, speed and power consumption for a disaster-relief drone application
- Created and taught curriculum for high school students learning about fundamental Machine Learning and Artificial Intelligence topics

Boston University, Boston, MA September 2021 – May 2023

Teaching and Course Assistant

- Assisted professors in taking attendance, answered questions and proctored exams for engineering and computer science classes during the Fall 2021, Spring 2022 and Spring 2023 semesters
- Taught discussion sections and office hours to review weekly material, improving student understanding of programming, probability and software engineering concepts

SKILLS AND INTERESTS

Programming Experience: Python (Numpy, Pandas, Matplotlib, Collections, Flask), JavaScript (React Native, Expo), Java, Machine Learning (TensorFlow and PyTorch), C, C++, Embedded Systems, Unix shell, HTML, Matlab, SQL, Git, AWS (Sagemaker, S3, CodeCommit, Secrets Manager), Jira, Azure DevOps, OCaml

Languages: English (Proficient), Hindi (Intermediate), French (Intermediate)

Hobbies: Alto and Baritone Saxophone, BU Jazz and Scarlet Band, Rock Climbing (Top Rope Belay Certified)