

HARSHITA NARNOLI

CONTACT

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EDUCATION

MASTER OF SCIENCE
COMPUTER SCIENCE • MAY 2024
The University of Arizona (Grade: 3.75/4.0)

BACHELOR OF TECHNOLOGY
COMPUTER SCIENCE & ENGINEERING •
JULY 2017
Maulana Abdul Kalam Azad University of
Technology, India (Grade: 9.24/10.0)

SENIOR SECONDARY SCHOOL
MAY 2012
Delhi Public School, India (Grade 88/100)

SECONDARY SCHOOL
MAY 2010
Dhanbad Public School, India (Grade 9.8/10.0)

KEY SKILLS

C, Core Java, Advanced Java, Shell Scripting, and
Ruby.

SQL, MySQL, and Oracle.

HTML, CSS, JavaScript, Java Server Pages, and the
Spring MVC Framework.

MS Office software and operating systems:
Windows, Mac, and Linux.

Ruby on Rails technology

Django.

PyTorch and Python.

RESEARCH INTERESTS

Data Visualization
Machine Learning

PORTFOLIO

www.linkedin.com/in/harshita-narnoli-541b35a3/
www.harshunr.github.io/harshitanarnoli.github.io/

PROFILE

Experienced Software Developer with a refined skill set in designing and implementing software solutions. A career immersed in the software industry has fortified my expertise across diverse technologies and methodologies. Presently, my professional path has pivoted towards research, with a particular emphasis on the convergence of machine learning and data visualization. This shift is driven by an inherent curiosity and a dedication to remaining at the forefront of technological progress.

EXPERIENCE

THE UNIVERSITY OF ARIZONA • AUGUST 2022 - PRESENT

Research Assistant (June 2023 - Current)

Collaborated with Josh Levine on research involving visualization and machine learning, to focus on the construction of Implicit Neural Representations (INRs) and data analysis utilizing latent embeddings.

Teaching Assistant (August 2022 - May 2023)

Supervised exams, evaluated assignments, tests, and papers in accordance with teacher guidelines, attended scheduled classes, and conducted office hours to provide individualized assistance to students.

SENIOR SOFTWARE DEVELOPER • JAN 2020 – JULY 2022

Alien Brains Pvt. Ltd. - Kolkata, West Bengal

Functioned as a Ruby on Rails backend developer and Scrum Master, overseeing task assignments for both frontend and backend teams in accordance with design and client expectations.

ASSOCIATE SOFTWARE DEVELOPER • AUG 2017 – DEC 2019

Nomura Research Institute Financial Technologies India Pvt. Ltd - Kolkata, West Bengal

Involved in projects utilizing Spring MVC and JAVA technologies, interfaced directly with clients, developed models, and handled production support.

RESEARCH & WEB DEVELOPMENT INTERN • DEC 2015 – JAN 2016

SWAN Labs, Indian Institute of Technology - Kharagpur, West Bengal

Contributed to the development of an interactive web page that displayed real-time data from various sensors on the human body using an Arduino.

WEB DEVELOPMENT INTERN • OCT 2015 – DEC 2015

Excellence Tech. Pvt. Ltd. - Kolkata, West Bengal

Utilized Node.js technology to architect a web page and incorporated Ajax calls for enhanced interactivity.

PUBLICATIONS

A2D: Activity-Aware Data Rate Tuning in Wireless Body Area Networks, Co-Author, 2020 IEEE International Conference on Communications (ICC): SAC E-Health Track, Prof. Sudip Misra, IIT Kharagpur.

A Computer Vision Framework for Partitioning of Image- Object through Graph Theoretical Approach, Co-Author, Prof. Sourav Saha, IEM, Kolkata.

ACCOMPLISHMENTS

Received Certificate of Excellence from NASSCOM for Top Ranker in Computer Science and Engineering Department of Institute of Engineering and Management.

Ranked 4th in robotics competition and qualified for top 5 in coding competition held in Techniche-2014 (Tech fest of IIT Guwahati)