

Ishpreet Bhasin

Software Developer

Richardson, TX

Phone: 972-282-0837

Email: ishpreet@utdallas.edu

<https://linkedin.com/in/ishpreet-bhasin>

EDUCATION	THE UNIVERSITY OF TEXAS AT DALLAS , Richardson, Texas	GPA: 3.853	
	Bachelor of Science in Computer Science	December 2021	
	Master of Science in Computer Science (Fast-Track Program)	December 2022	
TECHNICAL SKILLS	Languages : Python, R, C, C++, C#, Java, Dart, JavaScript/Typescript, PHP, HTML, CSS/SASS, Assembly		
	Libraries / Frameworks : Sklearn, Numpy, Pandas, Matplotlib, ggplot, Node.JS, Express, Koa, Angular, React, Flutter, Gatsby, NestJS, jQuery, WordPress, Scrapy, Beautiful Soup, .NET		
	DB / Tools : MongoDB, SQL, GraphQL, Git, Docker, LaTeX, Linux, bash, zsh, gdb, tcpdump, Wireshark, Google Cloud Platform, Amazon Web Services, Heroku, OpenAI		
	Hardware : 3D Modeling, Electronics, System programming, Arduino, Raspberry Pi, Robotics		
	Data Science : Data scraping, Data analysis, Natural language processing, Machine learning		
RELEVANT COURSES	Machine Learning	Design & Analysis of Computer Algorithms	Automata Theory
	Artificial Intelligence	Statistical Methods for Data Science	Database Systems
	Computer Architecture	Security of CPS & IoT Systems	Linear Algebra
RESEARCH PROJECT	AutoInsight	<i>Software & Systems Security Lab, UT Dallas</i>	June 2021 - Present
	Applying advanced techniques in software security and control systems to build a new security analysis platform for self-driving car systems.		
HACKATHON PROJETS	Hospi AI	<i>Hack AI (Sponsor Prize Winner)</i>	Spring 2021
	A web app that recognizes the user's symptoms, provides a preliminary diagnosis, recommends precautions, and offers a quick and seamless way to get in contact with relevant doctors to book an appointment. Performs data analysis using the Semantic Search Classifier from OpenAI.		
	Newtral	<i>HackUTD (Sponsor Prize Winner)</i>	Fall 2019
	A chrome extension that helps news readers think more critically about the online content they read. Uses Natural Language Processing (NLP) to identify parts of articles that sound opinionated or biased.		
WORK EXPERIENCE	Front End Development Intern	<i>Visual App Inc., Richardson, Texas</i>	Spring 2020
	Helped design, develop, and maintain several client websites, performing a variety of tasks, including UI and UX design, responsive development, CMS programming, server optimization, deployment, and testing.		
	Web Development Intern	<i>My MobiForce, Delhi, India</i>	Summer 2019
	Worked on an app that connects freelancing technicians to service companies in India. Developed Angular modules for the administrative dashboard that assist in the assignation of work orders to technicians based on their skills and schedule.		
ACTIVITIES	HackUTD Experience Coordinator	<i>ACM, UT Dallas</i>	Apr. 2020 – Present
	Responsible for creating a good experience at HackUTD, the largest university hackathon in North Texas. Work together with other UT Dallas organizations, hackathon sponsors, and vendors, to plan, design, and execute various events, such as workshops, talks, and socials, before and during the hackathon.		
	Undergraduate Learning Assistant	<i>Department of Mathematical Sciences, UT Dallas</i>	Aug. 2019 – May 2020
	Linear Algebra instructor for math problem sections. Worked with a Graduate Teaching Assistant to employ active learning techniques for helping students solve mathematical problems related to concepts taught in lectures.		

Visit my projects:

Online Portfolio
<https://ishpreet.me/>

Hackathon Projects
<https://devpost.com/ish-101>

Open-source Projects
<https://github.com/ish-101>