
HITANSHU SHAH

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OBJECTIVE

Seeking to become an AI/ML developer and improve my skills in order to enhance my knowledge of this domain, and a master's degree will set me apart from other applicants by allowing me to acquire in-depth knowledge of the field and a better understanding of its application.

EDUCATION

Western University - London, Ontario, Canada MSc in Computer Science with Vector Institute Collaborative Specialization in AI	August 2022 - Present
Mumbai University - (Atharva College of Engineering), Mumbai, India Bachelor of Engineering, Information Technology (INFT), CGPA - 9.03/10 (81.23%)	June 2017 - May 2021

WORK EXPERIENCE

Western University, Graduate Teaching Assistant <ul style="list-style-type: none">Instruct labs for the students and help them in performing coding questions in Python.Conduct office hours every week to help students with the concepts and grade their quizzes and assignments.	January 2023 – Present
Tata Consultancy Services, Systems Engineer <ul style="list-style-type: none">Working as a Full-Stack Developer in CIBC Banking Project with technologies like Java, Angular, Spring Boot.Responsible for maintaining and conducting checks for new releases in existing systems and resolving errors.	June 2021 – June 2022
Tech Truffle Technologies, Full Stack Developer <ul style="list-style-type: none">Developed many websites and apps for different clients working as freelance developers during the tenure.Live website developed using HTML, CSS and JavaScript can be viewed on: www.microvistatechnologies.com	Aug 2019 – March 2020

PUBLICATIONS

Presented Paper in 2021 IEEE Asian Conference on Innovation in Technology - Published on 4th October, 2021.
ISBN: 978-1-7281-8403-6
Hitanshu Shah, Shreya Sakpal, Pravin Anilkumar and Nileema Pathak., “EDRA – An Emotion Health Detection and Recognition Assistant”, IEEE Asian Conference on Innovation in Technology, 27-29 August 2021.

ACADEMIC PROJECTS

Emotional Health Detection System (Final Year Project – AI, ML, NLP):
Implemented a chatbot based system to detect and reply to a user by predicting its mood and generating weekly reports of overall emotion with an accuracy of 92%, which helps to tackle mental health issues and suggest remedies. It works on SVM Classifier and Deep Neural Network technology. Presented a paper for the same in IEEE Conference.

Two-Way Locking System (IOT):
Created a security mechanism based on IOT which detects presence of intruder using IR sensor and Ultrasonic sensor and informs the owner by sending an email and activating buzzer if detected. Project Demo: <https://bit.ly/37T3UnP>.

Inhale: Meditation App (Flutter, Dart):
Developed app which contains different meditation modes and personal plan, each consisting of various music which enables the user to focus properly and find inner peace. It also sends daily reminders according to the user's plan.

TECHNICAL SKILLS

- **Languages:** Python, Java, C/C++, Dart, React
- **Web Technologies:** HTML, CSS, Angular, JavaScript
- **Domains:** Machine Learning, Neural Network, NLP
- **Database Technologies:** MySQL, PHP, Spring Boot

EXTRA CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Presented poster on Fashion Mirror using AI and ML in IEEE International Conference 2019 (ACE).
- Member of the organizing team for React Native Webinar organized by the Department of Information Technology..
- Certification for successfully completing Bolt IOT and ML Training with 84%.
- Core Member of Paradigm of Life Committee - Organized and managed its events for more than 200 people.
- Participated as lead volunteer for “One for All | All for one” event – a tribute to Indian Army Soldiers organized by Atharva Foundation.
- ACE Hackathon Rhythm - 2018 and Techithon - 2019 participants.