Madhuv Sharma

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https://github.com/madhuv-sharma

Education

University of Waterloo	Waterloo, ON, Canada
BCS	September 2021 - May 2026
Guru Nanak Public School	Chandigarh, India
Class XII Non-Medical	April 2020 - June 2021
Strawberry Fields High School	Chandigarh, India
Class X *GPA: 3.72 (93%)*	April 2018 - March 2019

Work Experience / Internships

Stige, an IIT Kharagpur startup	Kharagpur, WB, India
Tech Intern	June 2021 - Present
Techweirdo	Kolkata, WB, India
Tech Intern	May 2021 - Present
Tata Consultancy Services (TCS)	Mumbai, MH, India
Project Intern	June 2021 - August 2021
Residents Welfare Association	Panchkula, HR, India
Volunteer	April 2020 - June 2021
Manipal Institute of Technology (MIT)	Manipal, KA, India
IoT Project Intern	May 2018 - June 2018
Northwestern University(NU), Algebra Honors	Evanston, IL, USA
Summer Trainee (98.1%; A+)	June 2017 - July 2017
Hamari Kaksha	Chandigarh, CH, India
Teacher / Mentor	April 2015 - March 2019

Skills

Programming Languages: Java, Python, C, R, C++, JavaScript

Projects

Hotel Reservation System *Java*

Bank Account Management System *Java*

Credit Card Checker *Java*

Nearest PostCodes Calculator *Python, CSV, Math, BS4, Requests*

Sentiment Detection *Python*

Traffic Management Project *Computer Vision, Machine Learning/Deep Learning, 5G, GPS, Fintech Payment Gateways*

Canadian Driving Licence OCR Flask API *Python, Pytesseract, Flask, Numpy, CSV, CV2, JSON, Sys, Difflib*

Face Recognition Flask API *Python, Flask, MTCNN, Tensorflow, Keras, PIL, Scipy, Matplotlib, JSON*

Smart Dry & Wet Waste Segregator *Arduino, Python, IoT*

Telegram Message Broadcaster *Python, Telegram API, Telebot, Telethon*

HTML Updater and PDF Creation Automator *Python, BeautifulSoup, Regex*

Gesture Recognition Front End Development *Python, Qt, Tensorflow*

Bundl Health Services Campaigning *Python, Web Scraping*

Handwriting Recognition *Python, Tensorflow*

Restaurant Bill Generator *C++, File Handling, Structures*

Telephone Bill Generator *C++, File Handling, Structures, Python, Web Scraping*

Bank Account Management System *C*

Student Management System *C*

All Projects have been uploaded in GitHub

Awards & Certificates

Euclid Contest   CEMC - University of Waterloo
I received a Certificate of Distinction and featured in the International Roll of Honor for achieving an International Rank of 234 out of 20603 participants in Euclid 2021, held by The Centre For Education in Mathematics and Computing (CEMC), University of Waterloo, Ontario, Canada.   May 2021

International Excellence Award   SAFA - University Of Waterloo
CAD 20,000 Faculty of Mathematics International Excellence Award - India   March 2021

Presidential Merit Scholarship   SAFA - University Of Waterloo
CAD 2,000 Presidential Merit Scholarship Holder   March 2021

JEE Mains 2021   National Testing Agency (NTA), India
I had scored 97+ percentile overall and an All-India Rank # 1340 in Mathematics (with 99.79 percentile) among 650,000+ students, who had participated in it.   February 2021

Online Courses   edX, Udemy & Pluralsight
Completed various online certified courses in Mathematics, Java, Python etc, scoring 100%, 99.72%, 99.32% in a few of them.

Senior IT Quiz Finalist   Cambridge International Examinations
I represented our School in a Senior IT Quiz, ShriTech, held at The Sri Ram School, Gurugram, and was the finalist.   Oct 2018

Clash Of Pi   Quanted Pte, Singapore
I attained a School Rank # 1 and an All India Rank # 74 in the Mathematical Contest held by Quanted Pte Singapore.   2018

Quriosity Talent Search Examination   American Society of Civil Engineers (ASCE)
I got a Zonal Rank # 12, along with a Certificate and a Trophy, in the Quriosity Exam held by American Society of Civil Engineers (ASCE), in collaboration with Punjab Engineering College (PEC). 2018

School Spirit / CAS Fest   Strawberry Fields High School
I stood first in - "Bits and Bytes", a Java programming contest , "Locked in Science", a Science Competition , "Science Innovators' Challenge" , "Inter-House Maths Quiz"   2018

Australian National Chemistry Quiz (ANCQ)   Royal Australian Chemistry Institute (RACI)
I had received a Certificate of Distinction in the ANCQ held by the Royal Australian Chemistry Institute (RACI)   2018

Mathematics and Science Olympiads   Science Olympiad Foundation
International Mathematics Olympiad (IMO), International Rank # 389 ; National Science Olympiad (NSO), International Rank # 315   2017

CS Olympiad   Silverzone Foundation
International Informatics Olympiad (IIO), International Rank # 439   2017