

Manas Joshi

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[Linkedin](#) | [Youtube](#) | [Github](#)

TECHNICAL SKILLS

Computer Languages: Python, Julia, RISC-V Assembly, C, C++, JavaScript, Bash, HTML/CSS

Framework: TensorFlow, RL-Glue, Django

Technologies: Git, MySQL

PROJECTS

[Math-Vision-Model](#) — Python, TensorFlow, Matplotlib

A machine learning model using probabilistic distribution in TensorFlow to predict characters in images, with Python and Matplotlib for visualization and analysis.

[Math-Vision-OCR](#) — Python, TensorFlow

A simple GUI that fetches models from my database and utilizes model's character prediction to solve simple math equations.

[natHACKS 2023 - Video Game](#) — Unity, C#, C++

Developed an innovative video game that parametrizes the player's experience based on their ECG data to create personalized gameplay dynamics.

EDUCATION

University Of Alberta — First year — BSc Hons Computing Science

Sept 2023 - April 2024

OPG World School, New Delhi, India — Grade 11 & 12

April 2021 - March 2023

COLLABORATIVE EXPERIENCE

Collaborated in a team of five at natHACKS 2023, contributing to the development of the video game.

Incharge of Arduino Development for project "[NightMare](#)"

Among the founders and organizers of the Techfest "Crypts".

INTERESTS

Fitness

Hanging Out

ML model optimization