

HRUSHIKESH VAIDYA

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EDUCATION

College of Engineering, Pune

Bachelor of Technology, Electronics & Telecommunication Engineering
(Minor in Computer Engineering)

January 2021 - May 2024

Overall GPA: 8.93/10

National Institute of Technology, Calicut

Bachelor of Technology, Engineering Physics (3 Semesters)

August 2019 - January 2021

Overall GPA: 8.17/10

SKILLS

Programming Languages:	Python, JavaScript, C, C++
Technologies:	Django, TensorFlow, MathJax, LaTeX
Tools:	MATLAB, Git, GitHub, Numpy, Pandas, SQL
Areas of Expertise:	Algorithm Design, API Design, Client-Server Design, Data Structures, Machine Learning

EXPERIENCE

Mastercard

May 2023 - July 2023

Software development intern at MasterCard.

PROJECTS

ClassBerg.com

ClassBerg.com is an online educational platform that provides coaching classes with a student testing framework, a question database, virtual classrooms, and student analytics. This website was selected for incubation by COEP's technology incubator.

MJXGUI

An equation editor for the web, with a GUI for creating equations similar to the one offered by Google Docs or Microsoft Word. Includes an API for conversion of created equation into LaTeX for storage and rendering using tools like MathJax. Used on classberg.com.

docxlatex

A Python module to extract mathematical equations, text, and media from .docx documents, with support for conversion of equations into LaTeX syntax. Used on classberg.com.

chessengine

A chess engine with no dependencies written in Python. Features a bitboard representation, move-generation API, PGN parsing, opening book, and alpha-beta pruned search.

TRAK

A React Native application to record data points and visualize progress and trend. Available on Google Play Store for Android.

chainrxn

A browser and websocket based implementation of the popular game "Chain Reaction" that multiple users can play on their own devices.

CERTIFICATIONS

Deep Learning Specialization

A specialization of 5 courses on deep learning, CNNs, RNNs, and structuring ML projects, offered on Coursera by deeplearning.ai

Coursera

TensorFlow Developer Professional Certificate

A series of 4 courses on developing CNNs, NLP applications, and neural networks using TensorFlow, offered on Coursera by deeplearning.ai

Coursera

CO-CURRICULAR WORK

Django

Contributed patches, bug-fixes, and new feature additions to Django. Submitted a GSoC 2022 proposal for adding rate-limiting to Django core and a second GSoC 2023 proposal to include CORS and CSP support in Django core.

MIT OpenCourseware Courses

A website (hrus.in/ocw) and Google Doc (ocw.hrus.in) hosting notes for online courses I have taken.