

Vivan Sen Das

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EDUCATION

The University of Chicago

Bachelor of Science in Computer Science
Minor in Classical Studies

GPA: 3.8/4.0

Chicago, IL

Expected, June 2027

- **Financial Markets Program:** Selective, three-year program focused on building quantitative finance acumen through weekly workshops, personalized advising, employer visits and coursework at the Chicago Booth School of Business
- **Relevant Coursework:** Data Structures, Systems Programming, Discrete Mathematics, Theory of Algorithms, Machine Learning

Groton School

Diploma: Summa Cum Laude, Honor List 2019-2023

Groton, MA

June 2023

EXPERIENCE

UChicago Tech Team

Web Development and Cybersecurity

Chicago, IL

October – November 2024

- Worked with the Inclusive Design Institute to implement secure cybersecurity protocols for client website to foster a safe and secure online community for marginalized communities
- Implemented SSL encryption for WordPress website
- Implemented Signal API and IFHS for archiving
- Performed testing of encrypted communications

UChicago Tech Team

Web Development Team

Chicago, IL

March – June 2024

- Developed website for annual Mandala South Asian Performing Arts festival.
- Website stores video recordings of performances and pages on important calendar dates for event.
- Full stack development using ReactJS, Flask, and MySQL.

PROJECTS

Full Stack Task Manager Project

Personal Full Stack Project

September 2024

- Created task manager application which tracks progress and time spent of tasks
- Designed full stack using PostgreSQL, NodeJS, and React

Soccer Match Prediction Project

Personal Python Project

August 2024

- Trained a machine learning model to be able to predict match winners for Premier League matches
- Extracted dataset from the internet using web scraping tools in Python
- Achieved 58% accuracy by refining model to include rolling average statistics based off match data

Python Software Development Project

Software Development Team

Chicago, IL

February 2024 – March 2024

- Worked with team to create digital version of the board game GO
- Project takes place over five weeks and uses Git
- Included design of TUI, GUI, game-bot, Game Logic, and QA testing.

SKILLS

Computer: Python, C, JavaScript, Git, Linux, NodeJS; Proficient in Microsoft Excel and Word

Interests: Jazz, Classical Music, Premier League Soccer, NBA, Formula 1 Racing