Raunak Pramanik

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EDUCATION

University of Illinois- Urbana-Champaign– Class of 2026
B.S. in Mathematics and Computer Science
Relevant Coursework: Data Structures, Algorithms, Artificial Intelligence, Discrete Structures, Fundamental Math, Statistics and probability, Numerical Methods
Activities and Societies: ACM, SIGPwny, Hideout HHC, UIUC Reach

School for the Talented and Gifted Magnet, Dallas TX – Class of 2022
(#1 in State Rankings, #6 in National Rankings, 2021; US News)

SKILLS AND COURSES

Technical Skills:
C++, Python, Java, Git, HTML, CSS, Robotics, MongoDB, Microsoft Office, Google Suite

Interpersonal Skills:
Fluent in English and Bengali; Proficient in Hindi and Spanish

TECHNICAL PROJECT EXPERIENCE

Beat Selling Website (Personal Project)   July 2024 – August 2024
- Developed a responsive website for selling music beats using HTML, CSS, and JavaScript, ensuring a seamless user experience across various devices.
- Integrated Traktrain API to manage and display beat listings, handle transactions, and streamline the process for users to purchase and download beats.
- Implemented interactive UI elements with JavaScript to enhance user engagement and navigation.
- Managed project lifecycle from conceptualization to deployment, demonstrating strong problem-solving skills and the ability to work independently.

IlliniGather Web App   August 2023 – Dec 2023
- Collaborated with a team to develop a web app for personalized campus recommendations at UIUC.
- Designed and implemented user-friendly HTML/CSS frontend.
- Contributed to secure 2FA authentication and user input functionalities using Python, Flask, and MongoDB.
- Orchestrated seamless interaction flow between frontend and backend, optimizing user experience.

Autonomous car   May 2023 – July 2023
- Programmed Arduino for autonomous navigation, integrating sensors for real-time decision-making.
- Implemented a user-friendly interface enabling control via an Xbox controller

NON-TECHNICAL EXPERIENCE

Mixing /Mastering Producer   January 2018 – Present
- Mix and DJ for top ranked competitive dance teams across the nation. (achieved first place in multiple competitions)
- Produce, mix, and master music for numerous artists across the country
- Collaborate with other producers and artists in UIUC's Hip-Hop Collective.

Tutor (Varsity Tutors)   June 2024 – Present
- Provided SAT prep and high school tutoring in reading, math, and other subjects, helping students significantly improve their test scores and academic performance.
- Designed and implemented customized lesson plans tailored to individual student needs, focusing on critical areas for improvement in SAT and high school subjects.
- Maintained open communication with parents and teachers to ensure a holistic approach to student development and academic success.

CERTIFICATIONS/AWARDS

- HackerRank certified in Problem Solving and Java
- Two 1st Degree Black Belts in Karate and Kobudo (weaponry)