UTKARSH NAMAN

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OBJECTIVE

Passionate 2nd-year Computer Science student specializing in Machine Learning, Software Development, and Algorithm Optimization. Looking for an internship to apply my skills in programming, and problem solving.

EXPERIENCE

Network Managed Expert <div align="right">Feb 2024 - Present</div>
Chegg <div align="right">*Freelance*</div>

- Mathematics Subject Expert.

Graphics Designing Intern <div align="right">April 2024 - May 2024</div>
Webingo <div align="right">*Kolkata, India*</div>

- Designed graphics, posts for company's social media related to web and app development.
- Delivered high-quality visuals weekly, ensuring brand consistency and engagement. (Certification)

Campus Ambassador <div align="right">Jan 2024 - Feb 2024</div>
Pregrad <div align="right">*Kolkata, India*</div>

- Managed and promoted company's services through networks. [(Certification), (LOR)]

PROJECTS

Custom python version: Developed 'utnampython', a customized Python variant with 2 **built-in** functions, **2** custom libraries with optimized data structures, mathematical computations with **17** sorting algorithms and **7** graph algorithms. Achieved a **1.5x speedup** in the '**datetime**' module and refined other modules for efficiency. Introduced custom interpreter easter eggs command. Built installers for **x32 & x64** bit Windows architecture. Gained in-depth experience in language development and performance optimization. [(Github), (Try the installer)]

Chopsticks game bot: Solved the two player hand game 'chopsticks' using python and developed a bot using **Machine Learning** and **graphs** to predicts the next best move which defeats **98%** of the players (sample size 243). (View)

Android Applications: Developed 8+ android applications using `Python, Java, Flutter` (View)

SKILLS

Technical Skills:	Advanced Python, Machine Learning and Data Science, C++, Java, R,
	Data Structures and Algorithms, HTML, CSS, Javascript, Nodejs (Certifications)
Soft Skills:	Communication, Emotional Intelligence, Leadership, Time Management (Certifications)
Courses:	Machine Learning - Udemy (2025), Data Structures and Algorithms - Udemy (2025) (View)

AWARDS & EXTRA CURRICULAR

Competitons:	Won cash prizes at Math (1st Runner Up) and Ad-making (1st place) competitons. (View)

EDUCATION

Bachelor of Technology, Computer Science & Engineering, IEM Kolkata <div align="right">Expected 2027</div>
Semester wise SGPA (8.36 to 9.06 to 9.35)

Intermediate, Senior Secondary, B.D Academy <div align="right">2022</div>
Score: 91%