

Vikramaditya Jaisingh

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EDUCATION

University of Massachusetts Amherst | Manning College of Information and Computer Science Amherst, MA
B.S. (Hons) in Computer Science, Philosophy Candidate, May 2026

- **GPA:** 3.83/4.00; Dean's List 4/4 Semesters, Commonwealth Honors College, Chancellor's Scholarship (Merit-Based)
- **Courses:** Data Structures & Algorithms (Java), Advanced Algorithms, Programming Methodology (Typescript), Human Computer Interaction (Figma), Software Engineering (Agile/Scrum), Statistics, Microeconomics, Macroeconomics
- **Harvard Courses:** Data Science: R Basics (PH125.1) & Data Visualization in R (PH125.2)

Pathways School Noida Delhi NCR, India
IB Diploma Graduated, May 2022

- **Honors:** 42/45; 7/7 Higher Level Computer Science & Math AA
- **Extended Essay:** *Evaluating Effectiveness of Image Blur Algorithms at Eliminating Gaussian Noise*

WORK EXPERIENCE

PTC, industry-leading software used by 95% of Fortune 500 discrete manufacturing companies June 2024 - August 2024
Program Management Office Intern Boston, MA

- Built business case for Observability (SaaS/Dev Ops) vendor balancing six figure costs, functionality, and internal evaluations
- Established business case framework and process to streamline proposals for future tools/technologies
- Developed internal demo combining CAD and AR to simplify manufacturing testing processes with Unity3D/C#

FreyHacks, global hackathon for secondary school students January 2022 - June 2022
Director of Business Development Remote

- Organized global summer hackathon with 700+ middle/high school participants and 80+ project submissions
- Secured \$1000+ in sponsorships and funding for the event, in addition to sponsored hackathon prizes
- Conducted workshop "Heroically Hacking with Hardware" to teach fundamentals of creating projects with Arduino Unos

Nihilent Technologies, IT consulting, outsourcing and software integration services June 2021 - July 2021
Product Development Intern Pune, India

- Produced demos for AI, Robotic Process Automation (RPA), Blockchain projects for internal and external information visibility
- Collaborated with software design & development teams to gain knowledge of projects and Software Development Life Cycle

HACKATHON PROJECTS

SUAVE - Search and Use APIs Very Easily, website/CLI/Discord Bot to help developers find APIs to use
Awarded Best Use of Jina AI | Built in C#, CQL, Python, Jina AI, DataStax Astra

- Conceptualized idea, produced initial prototype and demo
- Developed Discord bot using Python and Discord API; scraped and curated lists of recommended APIs

Playwright Paladin, website and browser extension to help writers increase productivity
Awarded Third Overall, Best Use of Linode Cloud | Built using MERN stack, Linode Cloud, Twilio

- Came up with idea and created demo
- Built browser extension in HTML/CSS/JS; assisted development of website and integration of Twilio API

Marvelous, comic book recommendation/price-checking website
Awarded Best Use of Linode Cloud | Built using C# (.NET), React, Azure, Linode Cloud

- Designed original idea, and demo; produced UI/UX using Figma and facilitated translation to React frontend
- Assisted backend and API development using the Marvel API and C#

EXTRA-CURRICULARS

The Comedy Cohort, the largest collective of stand-up comics in Western Massachusetts January 2023 - May 2024
President

- Designed and led comedy writing workshops to facilitate the development of new material
- Hosted open mic events for comedians throughout New England

The PSN Hack Club February 2020 - February 2022
President

- Arranged several workshops to get students involved in programming and technology
- Coordinated two hackathons for secondary school students across India

SKILLS & INTERESTS

- **Technologies:** Python, C, Java, C#, SQL, Typescript, R, HTML/CSS/Javascript, Git/GitHub
- **Domain Knowledge:** Backend, APIs, Algorithms, Image Processing, Data Representation, Agile Project Management
- **Skills:** Communication, Creative and Critical Thinking, Leadership, Adaptability
- **Interests:** Standup & Sketch Comedy (Performing, Bo Burnham, Tim Robinson), Art (Oils, Acrylics, KAWS, Van Gogh)