

Aniket Chaudhry

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EDUCATION

Northeastern University

Khoury College of Computer Science

Candidate for Bachelor of Science in Computer Science, Concentration: AI

Honors: CyberCorps Scholarship For Service, Khoury College Dean's List, Google Play Change The Game Winner

Relevant Coursework: Foundations of Artificial Intelligence*** | Object Oriented Design* | Computer Systems* |

Database Design | Foundations of Cybersecurity | Discrete Structures | Foundations of Computer Science I & II

Boston, MA

September 2023 - Present

GPA: 4.0/4.0

COMPUTER KNOWLEDGE

Languages/Frameworks: Java, Python, SQL, HTML, CSS, JavaScript, C, React, Next.js

Tools/Methods: Git, Github, Microsoft Office, AGILE/Scrum, Visual Studio, Linux, Figma

LEADERSHIP & WORK EXPERIENCE

Student Satellite Club, Northeastern University - Software Engineer & Head of Media

August 2023 – Present

- Developed project website displaying the team's accomplishments and projects using Next.js, React.js, & Tailwind CSS; achieved a 40% increase in monthly visitors.
- Collaborated on satellite payload development using C programming language for DEV-SAT satellite, developing image processing software implementing a nearest neighbors interpolation algorithm to reduce file sizes by 20%.
- Ran several social media campaigns across LinkedIn, Instagram, Discord, Snapchat, and our website and increased member headcount by 200% within 1 year.

Sprouts.ai, San Francisco, CA - Full-Stack Software Engineer Intern

July 2024 – September 2024

- Collaborated on developing a content management solution using Strapi and JavaScript to optimize webpage-building process for company executives.
- Utilized Next.js API routes to handle user authentication on the company website.
- Implemented a PostgreSQL database schema solution to handle an additional 5,000 daily queries.

Space Dynamics Laboratory, Albuquerque, NM - Mission Concept Intern

May 2024 – July 2024

- Assembled a comprehensive mission design document (MDD) and requirements verification matrix (RVM) to advance Northeastern University's planned sub-Terahertz satellite communication experiment.
- Operated and sent commands to AFRL's XVI satellite under a subject-matter expert (SME) to help facilitate mission objectives.

Code Ninjas, San Ramon, CA - Software Development Tutor

May 2022 – December 2022

- Instructed 100+ students aged 7-14 in game development w/ Java, Lua, & Unity.
- Led 3 summer camps guiding groups of 7-8 students through hands-on HTML/CSS/JavaScript activities.

PROJECTS

Portfolio Website

May 2024 – Present

- Engineered interactive website w/ HTML, CSS, Javascript, Three.js, & Particle.js, attracting 500+ unique visitors.
- Optimized site performance, achieving 30% faster load times through efficient JavaScript techniques.

OccupEye

February 2024 - April 2024

- Developed a university space management app using Python, MySQL, Appsmith, and Docker, enabling students to book study spaces & teachers to manage classes.
- Designed and implemented a relational database, handling over 200 campus locations.

Northeastern Map App

January 2024 - March 2024

- Developed Node.js API implementing Dijkstra's Algorithm to facilitate campus navigation for students.
- Achieved ~30% faster campus travel times vs. online map software due to unique tunnel routing options.

Water Overloaded

January 2021 - May 2021

- Led development of an interactive virtual reality experience built using Unity, C#, and Blender based on solving the water crisis in developing countries.

* = Indicates coursework currently in progress

** = Indicates graduate-level coursework