Yash Kumar

Boston, MA | 541-705-5865 | Yash.kumar34115@gmail.com
Availability: January – June 2024 | Personal Website: yashkumar530.github.io

Education

Northeastern University	**Boston, MA**

B.S. Computer Science and Business Administration at Khoury College of Computer Sciences *Sep 2022 - Present*
GPA: 3.65 | **Expected Graduation:** June 2026
Honors: Dean's List, Charles Hayden Scholarship
Relevant coursework: Object Oriented Design, Algorithms & Data, Fundamentals of Computer Science I & II, Discrete Structures, Management Information Systems, Financial Accounting, Managerial Accounting

Technical Skills

Languages & Frameworks: Python, Java, Node.js, HTML, CSS
Developer Tools & Platforms: SQL, Junit, Linux, AWS, Git, GitHub, SQLite, VS Code, IntelliJ
Concepts & Techniques: Rest APIs, JSON, Machine Learning, Socket Programming, Network Programming

Professional Experience

Teamworks	**Acton, MA**

Summary Team Lead *Jun 2020 – Aug 2023*

- Spearheaded the leadership of a dynamic team of 35+ employees, overseeing training, scheduling, and performance evaluations, resulting in cohesive and highly efficient staff delivering exceptional camp experiences.
- Managed and maintained medical records of 200+ campers, employing meticulous attention to detail and compliance with regulatory guidelines.
- Expertly navigated and resolved wide range of challenges, addressing parental concerns and complaints with tact and diplomacy.

Directions For Our Youth Inc,	**Bronx, NY**

Software Engineer *Jun 2021 – Aug 2021*

- Developed and texted algorithmic software using Python and JavaScript to help children comprehend basic math principles.
- Improved the software's accuracy by 25% through iterative testing.
- Collaborated with a team of 4 software engineers to streamline design, reducing the number of clicks to reach key pages by 40% and optimizing site for mobile devices.

Projects (Viewable on GitHub)

Markdown Study Tool	*Sep 2023*

OOD, Abstraction, Serialization, Event-driven Architecture, NoSQL Databases
Implemented a Java application that condenses Markdown files into study guides

- Features content extraction, heading organization, and bullet-point summaries.
- Leveraged NoSQL databases for efficient data modeling.
- Extended functionality to support spaced repetition with Q&A Blocks.

BATTLESALVO	*Jun 2023*

Socket programming, Modular Design, Remote Communication Protocols, AI

- Developed a Java-based variation of Battleship with rule variations, fleet customization, and multiplayer/single-player modes using socket-based communication.
- Single player mode utilized algorithm-based AI to play against the player.
- Utilized socket programming to enable remote communication between players.