Ahaan Chaudhuri

Boston, MA | 857-318-6326 | chaudhuri.ah@northeastern.edu

**EDUCATION**

**Northeastern University**  **Boston, MA**

***Khoury College of Computer Sciences*** Expected May 2025

*Bachelor of Science in Computer Science with a Concentration in Artificial Intelligence*

*Minor in Sports, Media & Communication*

* **Relevant Coursework:** Object-Oriented Design, Discrete Structures, Algorithms and Data, Computer Systems, Foundations of Cybersecurity, Natural Language Processing, Data Mining & Machine Learning I, Theory of Computation

**SKILLS**

**Languages:** Conversational Proficiency in Mandarin

**Programming Languages:** Java, Python, SQL, C#, C, JavaScript, R, DrRacket, HTML, CSS, PyTorch, REST APIs

**Machine Learning:** Natural Language Processing, Deep Learning, TensorFlow,

**Other Skills**: Adobe Audition, Adobe Premiere Pro, Adobe Photoshop, Adobe Illustrator, PowerBI, Git, Celtra

**WORK & LEADERSHIP EXPERIENCE**

**Kargo**  **New York, NY**

*Fullstack Developer Intern* June 2024 – August 2024

* Redesigned Ad-Tag Website implementing more intuitive UI/UX design using advanced CSS styling and adding frontend functionality to insert code snippets which save new creatives directly to the backend server for testing
* Spearheaded implementation of new Ad Unit specialized for mobile devices, leveraging several API calls to maintain responsive and lightweight Creative with intuitive functionality integrated with Celtra Objects

**CS1210, Northeastern University**  **Boston, MA**

*Teaching Assistant* August 2023 – Present

* Leading a weekly class of 30+ students on the topic of entrance into the professional world, providing instruction on resume creation as well as interview preparation and essential tools for the recruiting process
* Guiding students through personalized assistance during biweekly office hours, completing comprehensive resume restructuring and organizing mock interviews pertaining to their individualized career aspirations

**The Kraft Group**  **Foxborough, MA**

*Junior Programmer Intern* January 2023 – May 2023

* Spearheaded 20+ detailed PowerBI reports, including a Sales Forecast for Gillette Stadium, using predictive modeling and concatenation of information using complex statements written in SQL, DAX, and PowerQuery
* Created and distributed several C# and .NET applications designed to restructure the company’s intranet and update the company’s SQL Server database by scraping information from their directory website

**Wunderman Thompson Commerce**  **Remote**

*Software Developer Intern* June 2022 – July 2022

* Crafted Tableau dashboards and connected them to external endpoints with Google Drive and OneDrive REST APIs, operating in Python and JavaScript, obtaining experience in Data Analytics
* Developed essential widely used libraries designed to automatically zip and archive old log files and store them in separate Google Drive folders, streamlining the team’s log file collection and revision

**PROJECTS**

**Traffic Cop**  **Jersey City, NJ**

*Traffic Control Game* June 2024 - Present

* Designed an intuitive level-based Traffic Control game with responsive game mechanics and increasing difficulty, incorporating a 2D tile-based design for a top-down view
* Leveraged Godot, GDScript, and OpenGameArt assets to construct each level as its own scene and each car spawns in to the game as it’s own scene seamlessly

**GrIMP**   **Boston, MA**

*Image Manipulation Software* August 2022 – December 2022

* Produced a robust, efficiently structured Image Manipulation software written in Java with the capabilities of supporting all major image types and 10+ filters and effects, allowing easy implementation of new additions
* Authored a separate Model, View, and Controller structure allowing different implementations of the software for text-based applications, or alternative GUIs without the need to change the program’s existing logic

**YouQueue**   **Jersey City, NJ**

*Python Application* July 2022 – August 2022

* Constructed a Python application using the SpotiPy module, which allows users shuffle songs from multiple select playlists simultaneously, thereby generating a live queue, a feature not allowed by the Spotify app
* Authored a user-friendly Spotify toolkit, providing individuals with the ability to remotely integrate multiple playlists, remove select songs from playlists at large, and easily implement their own playlist-level features

**SKILLS, ACTIVITIES & INTERESTS**

**Activities:** Brookline Youth Baseball Volunteer Web Developer, WRBB 104.9 FM Radio Host & DJ, Tastemakers Magazine Staff Writer, WRBB Sportswriter & Broadcaster, HuskyHusky Staff Writer, NUGameDev Member

**Interests:** Basketball, MMA, Boxing, Football, Hip-Hop and R&B, Retro Games, Non-Fiction Literature, Painting