# Nikita Clark

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## EDUCATION

**Northeastern University** Boston, MA
**Khoury College of Computer Sciences** Sep 2021 - May 2025
*Candidate for Bachelor of Science Degree in Computer Science*, *GPA: 3.5/4.0*
Relevant coursework: Object Oriented Design, Logic and Computation, Computer Systems, Mathematics and Data Management, Discrete Structures, Fundamentals of Cybersecurity

## CORE TECHNICAL SKILLS

**Language**: Java | Python | C | XML | Assembly | JavaScript | HTML/CSS | Racket | SQL
**Technologies:** JUnit | Swing | GitHub | Android Studio | AWS | Node.js | Sprint | Django | Flask | FastAPI | Angular | Vue.js | React | Excel | Bitbucket

## PROFESSIONAL EXPERIENCE

**FitNest** Boston, MA
Software Developer Jun 2022 – Sep 2022
- Designed the initial app version: Developed UML diagrams and applied MVC principles to outline the app's functionalities based on provided instructions.
- Implemented basic functionalities and data sets: Employed Android Studio with Java and XML to create essential layouts and an exercise dataset categorized by difficulty levels for the AI.
- Utilized YouTube and ChatGPT APIs: Integrated ChatGPT API to gather user parameters and generate customized workout splits. Integrated YouTube API to embed exercise videos, enhancing user engagement and offering visual guidance for recommended workouts.

**Tufts Medical Center** Boston, MA
Software Development Intern Jun 2021 - Sep 2021
- Led front-end development using HTML5, CSS3, and JavaScript: Developed a comprehensive information management website with a focus on user interface and dynamic functionalities using React, optimizing equipment asset management.
- Designed intuitive database architecture using SQL: Architected a robust schema ensuring seamless storage and retrieval of multifaceted equipment data across hospital departments, enhancing organizational efficiency.
- Collaborated across teams for precise model alignment: Engaged with cross-functional teams to gather extensive requirements, ensuring the developed models precisely met business needs. Applied agile methodologies for iterative development and swift adaptation to evolving project requirements.

**Level Ground Mixed Martial Arts** Boston, MA
Associate Manager Dec 2019 - Jul 2021
- Enhanced business operations: Managed finances, rent agreements, and implemented secure client data solutions, ensuring industry compliance and operational efficiency at the MMA gym.
- Coordinated daily operations and member relations: Supported class schedules, trainer coordination, and engaged with members to manage inquiries, memberships, fostering a positive gym experience.

## PROJECTS

**Battleship Online** Jul 2023
- Developed a Battleship game adhering to the MVC and Design Patterns, enabling users to engage in online matches or play against a computer-controlled opponent.
- Devised an algorithm to govern the bot's gameplay, initially employing random shots on the board and progressively evolving into an AI that utilizes Hunt/Targe Algorithm.

## INTERESTS

- **Languages**: Russian - Fluent, Thai - Intermediate, Japanese - Conversational
- **Activities:** Golf | Computer Hardware | Finance | Weightlifting | Cycling | Competitive Coding