Nileena John

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EDUCATION

Northeastern University, Boston, MA   **September 2022 — Present**
Khoury College of Computer Sciences   **Anticipated Graduation: May 2025**
Bachelor of Science in Computer Science
GPA: 4.0/4.0
Relevant Coursework: Object-Oriented Design, Fundamentals of Computer Science I, Fundamentals of Computer Science II, Theory of Computation, Discrete Mathematics, Introduction to Mathematical Reasoning, Mathematics of Data Models, Foundations of Cybersecurity, Foundations of Data Science

Abington Senior High School, Abington, PA   **September 2018 — June 2022**
Weighted GPA: 4.7
Unweighted GPA: 4.0
Relevant Coursework: Advanced Data Structures, AP Computer Science A, AP Computer Science Principles, AP Calculus BC

PROFESSIONAL EXPERIENCE

Guiding Technologies Corporation, National Science Foundation Intern   **Summer 2021**
- Researched and contributed to projects for Guiding Technologies, a research institution helping patients with autism.
- Helped with front-end design using CSS & HTML for a website that administered therapy remotely through online means.
- Analyzed feedback and user experience with website through testing, proposed and implemented changes to website
- Completed test cases for the company website and mobile app using basic knowledge of ABA therapy.

TechGirlz Charitable Foundation, Volunteer   **2020 - 2022**
- Lead workshops to teach middle school girls how to code in various languages, including Java, Javascript, and Python.
- Helped attendees with debugging and understanding workshop curriculum.

PROJECTS

Abington Senior High School Program of Study, Project Lead & Front-End Developer
- Worked with other students to create course offerings and course registration website for my high school.
- Designed the front-end of the website using HTML and CSS.
- Users can browse through Abington Senior High School's course offerings and select courses they want to take. Enforces Abington's academic requirements and allows users to submit proposed schedules directly to their assigned counselor.

Bullet Journal Application
- Developed a Java application of a virtual Bullet Journal protected by a password.
- Records a user's notes and events, tasks, and task completion for each day of the week, including task completion progress.
- Allows user to restore their week's journal data by exporting and importing from a .bujo file.

Battleship Game
- A console-based Java application representing a virtual version of modified Battleship.
- User can play against an AI player or this application's AI Player can connect to a server and compete against another AI.

Note Summarizer & Study Application, Project Lead & Front-End Developer
- A Java application that summarizes several .md note files into a single condensed file that only contains important concepts from original note files.
- Accepts an input file of questions with associated difficulties used in a personal study session for the user. Users can answer questions during study sessions and change the difficulty of questions as they answer.

AWARDS & HONORS

NCWIT Award for Aspirations in Computing, *Regional Affiliate Honorable Mention*   **April 2022**

Northeastern University Dean's List   **Fall 2022, Spring 2023**