Gillian Palmer

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Availability: January - August 2025

Education

Northeastern University, Boston, MA | Khoury College of Computer Sciences   *Expected: 2027*

Candidate for Bachelor of Science in Computer Science with Minor in Mathematics

Honors: GPA 3.92/4.0 | Dean's List | Dean's Scholarship

Relevant Courses: Graduate Algorithms | Accelerated Fundamentals of Computer Science 1 & 2

                               Object-Oriented Design | Accelerated Discrete Structures | Linear Algebra

Technical Skills

Languages: Python, Java, JavaScript, HTML, CSS, TypeScript, SQL, Racket

Technologies/Frameworks: Git, React.js, Next.js, Drizzle ORM, Flask, VSCode, IntelliJ, Eclipse, JUnit, Convex

Systems: Windows, MacOS, Linux

Projects

Cosmic Checklist Website and Chrome Extension   *September 2024*
- Produced a task manager platform at HackMIT using Convex relational databases with a React frontend
- Sorted tasks based on priority and handled live insertion and deletion of tasks

Stocks Interface   *June 2024*
- Developed a Java program using Model-View-Controller that displays stock details
- Provided users with the option to view stock trends over time and create a virtual portfolio of stocks
- Executed API calls through an Alpha Vantage API to gather data from collections of stock information

Northeastern Laundry Tracker   *January 2024 - April 2024*
- Designed a full-stack website that monitors laundry usage across Northeastern's on-campus housing
- Gathered data from Laundry View through web scraping to deliver accurate information to students

Maze Game   *April 2024*
- Built an interactive maze game in Java with options for manual and automatic traversal
- Animated the creation and solving of the maze with Kruskal's Algorithm, BFS, and DFS

Under the Sea Productivity Extension   *February 2024*
- Co-created a Chrome extension using Javascript, HTML, and CSS as part of HackBeanpot
- Implemented a timer and a water animation that responds to the user's browsing behavior

Experience

Software Developer | *Sandbox at Northeastern, Boston, MA*   *August 2024 - Present*
- Currently constructing a full-stack co-op review platform for students using Next.js and Drizzle ORM
- Work closely with designers and developers through weekly stand-ups and code review

Teaching Assistant | *Khoury College of Computer Science, Boston, MA*   *August 2024 - Present*
- Lead recitations and conduct office hours for Discrete Structures, offering one-on-one support to students
- Provide specific grading feedback to over 200 students every week using Gradescope rubrics

Outreach Chair | *Northeastern Computer Science Mentoring Organization, Boston, MA*   *August 2024 - Present*
- Manage communication with other organizations for joint events such as panels and guest speakers
- Collaborate with the club's President and Vice President to implement new initiatives

Interests

Running, Rock Climbing, Listening to Music, Jigsaw Puzzles, Reading