Elaine Ng

Boston, MA | elaineng.edu@gmail.com | 917-361-7865 | https://www.linkedin.com/in/elainengg/
Availability: January - August 2025

EDUCATION

Northeastern University | Boston, MA   September 2022 - Present
Khoury College of Computer Sciences   Expected Graduation Date: May 2026
Candidate for a Bachelor of Science in Computer Science   GPA: 3.6 / 4.0
Coursework: Objected-Oriented Design, Computer Systems, Web Development, Algorithms and Data, Logic and Computation, Mathematics of Data Models, Introduction to Cybersecurity, Discrete Structures

COMPUTER KNOWLEDGE

Languages: Java | Python | HTML | CSS | Racket | ACL2s | Ada
Systems: Windows | MacOS | Linux

PERSONAL AND ACADEMIC PROJECTS

Reversi Games   November - December 2023
- Engineered three variants of Reversi—Hexagonal, Square, and Reversi with Hints— in Java in IntelliJ
- Developed the view and controller components based on an existing model, enhancing the graphical user interface and control mechanisms while ensuring high code quality and improved functionality

Solitaire Games   October 2023
- Crafted three versions of Klondike, including standard solitaire, solitaire with limited draw options, and a Whitehead Klondike variant with IntelliJ
- Composed and executed comprehensive testing protocols to guarantee the highest quality and reliability of all three Klondike versions for a seamless user experience

Concentration Game   June 2023
- Developed an interactive Concentration card game using Java in Eclipse with object-oriented programming principles for enhanced code structure and maintainability
- Implemented challenging gameplay features and mechanics for a more unique Concentration game

WORK EXPERIENCE

General Dynamics Electric Boat | New London, CT   January - August 2024
Tactical Software Engineering Co-op
- Developed custom drivers and employed automated software tools to test code across different hardware and software environments, ensuring comprehensive testing in various scenarios
- Collaborated with development teams using Git to refine test strategies and troubleshoot systems tools for continuous enhancement of software quality and system reliability

Northeastern University Peer Tutoring | Boston, MA   September 2023 - Present
Office Coordinator
- Addressed inquiries and concerns from peer tutors, troubleshooting numerous technical and operational challenges, ensuring a seamless experience for both students and tutors
- Facilitated efficient communication between the administrative office and tutors, enhancing collaboration and ensuring smooth operations

Northeastern University View: Digital Marketing | Remote   May 2023
Digital Marketing Intern
- Applied research, analysis, and metric identification to improve digital marketing strategies for a non-profit dedicated to supporting youth in under-resourced communities
- Utilized search engine marketing and keyword optimization to improve search engine rankings