Abby Stevenson

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Education

Northeastern University, Boston, MA *September 2023 – Present*
Khoury College of Computer Sciences
Candidate for a Bachelor of Science in Computer Science *Expected: May 2027*
Honors: Dean's List (Fall 2023, Spring 2024, Fall 2024) GPA: 4.0/4.0
Course Work: Object Oriented Design | Algorithms and Data | Database Design | Theory of Computation | Computer Systems | Fundamentals of Computer Science 1 and 2

Computer Knowledge

Languages: Java | Python | HTML | CSS | SQL | JavaScript | Type Script | Golang | Tailwind | Racket
Systems: MacOS | Windows | Linux
Software: Visual Studio Code | Git | Eclipse | IntelliJ | Docker

Personal and Academic Projects

3 Stones (Real Estate Mobile App) | Golang, TypeScript, Tailwind, SQL *September – December 2024*
- Collaborated with 7 engineers on a full stack mobile application for Generate Product Development
- Developed Golang endpoints and React Native screens to support portfolio investment features

Checkout Flow for a Web Application | Java Script, CSS, HTML, React *December 2024*
- Implemented a checkout flow based on styled Figma design
- Fetched items from an external API and built functionality for adding to cart and checking out

Stock Portfolio Management System | Java *June 2024*
- Implemented key financial computations, including X-day moving averages, and crossover detection
- Used well-structured design principles such as MVC architecture and design patterns to ensure modularity, scalability, and maintainability

Minesweeper Game Implementation | Java *April 2024*
- Designed and developed a Minesweeper game in Java using object-oriented principles
- Implemented game mechanics such as random mine placement, neighbor cell calculations, flagging mechanics, and uncovering logic for cells with zero neighboring mines

Work Experience

Northeastern University, Boston MA *January 2024 – Present*
Husky Ambassador
- Conducted engaging tours for groups of up to 50 students and parents, showcasing the Boston campus
- Warmly greeted prospective students, addressed inquiries, resolved concerns, and ensured visitor satisfaction while working on the registration desk
- Read applications, conducted interviews, and helped select candidates on Recruitment Committee

Extracurricular Involvement

Volunteer with Northeastern University's Center for Stem Education *September 2023 - Present*
- Assisted with field trips for elementary and middle school students to Northeastern's campus, engaged groups of 40 + students in educational activities and led age-appropriate presentations on AI

Theme Park Engineers *September 2023 - Present*
- Collaborated as part of a 4-person team to design and implement C++ code for real-time user score display on an LED screen. Utilized Arduino microcontroller hardware to interface with the LED system

Interests: Theme Park Industry | Taylor Swift's Music | Computer Science in Elementary Education