

Sutton Spindler

Available June-Dec 2024 | suttonspindler.com

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Education

Northeastern University, Boston, MA

Sept 2022-present

Khoury College of Computer Science

Class of May 2025

Candidate for Bachelor of Science in Computer Science

GPA 3.9/4.0 | Dean's List (All Semesters)

Relevant Coursework: Database Management Systems | Computer Systems | Mathematics of Data Models | Algorithms and Data | Logic and Computation | Object-Oriented Design | Programming in C++

Teaching Assistant: Fundamentals of Computer Science 2

Aug-Dec 2023

Study abroad:

Northeastern University – Seattle

Summer 2023

Northeastern University – London

Fall 2022

Technical Skills

Languages: Java | JavaScript | TypeScript | HTML | CSS | SQL | C# | C | C++ | Python | Racket | ACL2s

Software: Docker | Github | Visual Studio Code | IntelliJ | MySQL | Pycharm | Unity | GameMaker

Technologies: Git | Node.js | Express | React | JSON | MongoDB | JUnit | Windows | MacOS | Kali Linux

Work Experience

Senior Web & Software Developer: Northeastern Science Magazine (Boston, MA)

Apr 2023-present

- Producing website to archive and distribute 100+ student-written scientific articles
- Utilizing Node.js and Express frameworks to develop web server and store user data in MongoDB database
- Developing network builder app as introduction to mongoose data structures and user authentication

Teaching Assistant: Northeastern University (Boston, MA)

Aug-Dec 2023

- Collaborated with faculty to educate 150 students on the fundamentals of object-oriented programming
- Dedicated 10+ hours per week to grade assignments, facilitate labs, and hold office hours
- Bolstered students understanding of concepts such as abstraction, hashing, and dynamic programming

Software Developer: Northeastern Electric Racing (Boston, MA)

Jan-June 2023

- Developed full-stack for project management dashboard used by 100+ active weekly users
- Cooperated with team members and tech leads for 7+ hours weekly, engaging in stand-ups and sprints
- Contributed 15 full-stack tickets utilizing React and Express frameworks for refined UI and server-side logic

Guest Advocate: Target Corporation (Pasadena, CA)

May 2022-May 2023

- Served customers by adopting communication, teamwork, and exceptional customer service skills
- Assisted hundreds of customers daily, working 30+ weekly hours to facilitate purchases and resolve issues
- Collaborated with team members to manage checkout and customer services

Projects

Patient Daily Health Survey

Nov-Dec 2023

- Created web application which allows physicians to create and assign daily health surveys to patients
- Utilized full-stack development and MongoDB database and produced for a start-up biotech company

Snail Game

Oct-Nov 2023

- Programmed 3D horror/puzzle game in Unity with C# as entry for 2023 Jam-O-Lantern Game Jam
- Developed in 8-member team formed within Northeastern's Game Studio Club

Leaky

May-June 2023

- Collaborated on UX design for a prototype water leak detection app, including accessibility and user testing
- Oversaw evolution from wireframe designs onto final high-fidelity prototype

Marble Solitaire

May-June 2023

- Designed a virtual board game containing Java Swing-based UI to control user input and output of images
- Structured program using MVC design pattern for organized separation of front-end and back-end

Interests

- World Cinema | Geography | Indie Music/Classic Rock | RPG Games | Comedy Sketches