

# Sutton Spindler

Available May-Dec 2024 | [suttonspindler.com](https://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
- Developed network builder app to serve as demo for 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 Aidar Health, a 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