


Sutton Spindler

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Education

Northeastern University, Boston, MA

Sept 2022-present

Khoury College of Computer Science

Class of May 2026

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 | Foundations of AI | Algorithms and Data | Logic and Computation | Object-Oriented Design | Programming in C++ | Programming Languages

Teaching Assistant: Fundamentals of Computer Science 2

Jan-Apr 2024

Study abroad: Northeastern University – London, Northeastern University – Seattle

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

Full-Stack Software Development Co-op: Verizon (Boston, MA)

June 2024-present

- Migrated authentication server database from SQL to MongoDB, boosting performance and reducing costs
- Created and consumed REST APIs, ensuring scalable and reliable cloud integration
- Used Git and Jenkins for Agile/Scrum, boosting deployment speed and code quality

Application Developer Intern: CSL Behring (King of Prussia, PA)

Apr-June 2024

- Aided in the development of equipment and redesign of existing systems to fulfill the needs of customers
- Programmed tools that enabled text extraction from documents using AWS Textract and Apache POI
- Researched and implemented AI RAG models for generating text descriptions of data sets

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

Apr 2023-present

- Produced website to archive and distribute 100+ student-written scientific articles
- Utilized 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

Projects

[Travel Planner Application](#)

May 2024-present

- Designed and developed a full-stack website enabling users to create and share travel itineraries
- Implemented Dart for mobile app development and integrated Supabase for seamless user authentication

[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](#) ([Play Here](#))

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

Interests

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