Sutton Spindler

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Education

Northeastern University, Boston, MA	**Sept 2022-present**
Khoury College of Computer Science	**Class of Dec 2025**

Candidate for Bachelor of Science in Computer Science

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

Relevant Coursework: Foundations of AI | Database Management Systems | Computer Systems | Algorithms and Data | Object-Oriented Design | Programming in C++ | User Experience Design | 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 Intern: Verizon (Basking Ridge, NJ) — **Jun 2025-present**
- Built prototype Android app and edge AI pipeline for real-time video detection on embedded hardware
- Benchmarked latency and accuracy across multiple AI accelerators to support internal hardware evaluation
- Developed and tested on-device alert system for package, fire, and poolside event detection

Software Engineer: SphereUs (Philadelphia, PA) — **Jan-May 2025**
- Migrated backend from PostgreSQL to MongoDB, enhancing scalability and system performance
- Integrated AI tools to optimize social media strategies for brand ambassador recruitment
- Contributed to developing an automated platform to streamline ambassador program management

Full-Stack Software Development Co-op: Verizon (Boston, MA) — **Jun-Dec 2024**
- 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-Jun 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

Projects

[Sign Language Translator](#) — **Feb-Apr 2025**
- Built a live video sign language translator using a single CNN model trained across ASL, DGS, and LSE
- Tuned preprocessing and NLP pipeline to fix misclassifications and improve live transcription accuracy

[Meeting Scheduler](#) — **Mar-Apr 2024**
- Built a full-stack app for managing teams and meeting bookings using MySQL, Node.js, and Express.js
- Managed complex database interactions with async calls, multi-table joins, and dynamic user roles

[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
- Integrated collision systems, NPC movements, interactive puzzles, and intuitive UI menu screens

Interests

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