

# Ayush Srivastava

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## Education

### University at Buffalo, The State University of New York

Buffalo, NY

Bachelor of Science in Computer Science

Fall 2023 – Fall 2027

- Relevant Coursework: Data Structures, Algorithms and Complexity
- Activities: 3.7 CGPA, Honors College, Deans' List, Social Media Intern at UB Honors

## Experience

### Undergraduate Research Assistant

July 2024 – Present

Embedded Sensing and Computing Group, University at Buffalo

Buffalo, NY

- Collaborated with a team of 3 students to work on VocalLens, an application that detects specific language impairments in children.
- Led the web development of VocalLens, implementing key features that improved user experience, resulting in a 30% increase in positive feedback from faculty designers.
- Developed AuspexMedix and 2 other websites for the UB ESC Research Team.

### Software Developer

July 2024 – Present

HIVE, Student Startup

Buffalo, NY

- Collaborated with a team of 8 developers to develop and launch HIVE with over 500 users in phase one.
- Participated in the full software development, including development, testing, and designing interactive interface, increasing customer satisfaction by 80%.

### Student Leader

Jan. 2024 – Present

Elli, UB Campus Dining and Shops

Buffalo, NY

- Trained over 30 new employees and managed the store dynamics and inventory.
- Provided excellent customer service to an average of over 200 customers daily.
- Collaborated with teams of 5-7 members to ensure smooth daily operations and enforce store policies.

## Projects

### Pehcharm | MongoDB, Express.js, React.js, Node.js, Github API

July 2024 – Aug. 2024

- Launched a secure CRUD web app for generating portfolio websites, with Real Experience Score of 97.
- Utilized Node and REST APIs to interact with records in MongoDB and GitHub, enabling visualization with React showing over 10 insights of a user's data including blogs, experiences, GitHub repositories and more.
- Created interactive and responsive designs which led to a 50% increase in user engagement and is now utilized by over 100 users.

### Simon Game | HTML, CSS, JavaScript

Aug. 2023

- Designed and launched a fully functional Simon game web application, attracting over 50 unique users within the first month.
- Integrated features such as random sequence generation, user input handling, and responsive design, resulting in a 90 % decrease in user-reported issues related to game-play mechanics.
- Achieved a user satisfaction score of 90 % through direct feedback from over 50 participants.

## Technical Skills

**Languages:** Java, Python, C, JavaScript, HTML/CSS

**Web Development:** React, Node.js, MongoDB, Express.js

**Developer Tools:** Git, Visual Studio, IntelliJ, Emacs

**Skills:** Time Management, Microsoft 365, Canva, Team Work, Leadership, Social Media Management