Ayush Srihari

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Education

University of British Columbia — Expected graduation: Jun. 2026
B.Sc. in Computer Science — *GPA: 75/100*

Relevant Courses: Software Construction (Java), Machine Architecture, Data Structures and Algorithms (C++), Computer Graphics, Intermediate Algorithm Design, Introduction to AI, Introduction to Software Engineering.

Projects

Voice Buddy — Nov. 2024
HackCamp 2024 Winner — *React, JavaScript, NodeJS, Python, Whisper API*

- Created a web application to assist individuals with speech impairments, offering real-time practice for improved fluency.
- Integrated OpenAI's Whisper API to extract and synchronize transcripts from YouTube videos for enhanced accessibility.
- Awarded "Best Hack for Social Good" at HackCamp 2024, demonstrating a significant social impact through technology.

Insight UBC — Sept. 2024 – Nov. 2024
Full-stack Web Application — *React, TypeScript, NodeJS, Maps API*

- Developed a comprehensive web platform to provide students with searchable information on UBC courses and room assignments.
- Designed and implemented a RESTful API to process and serve detailed course and room data.
- Enhanced user experience by incorporating Google Maps API for precise location mapping and navigation on campus.

Full Stack Notes App — June 2024 – Ongoing
Apple Notes Clone — *Swift, SwiftUI, MongoDB, NodeJS*

- Designed a user-friendly cross-platform notes application enabling efficient note management with create, edit, update, and delete functionality.
- Integrated MongoDB to securely store and retrieve data from a remote server, ensuring reliability and scalability.
- Leveraged Swift and SwiftUI to deliver an intuitive and seamless interface for optimal user engagement.

Cipher Text Generator — Sept. 2022 – Dec. 2022
Text Encryption and Decryption Application — *Java, Git*

- Built a secure desktop application with a graphical interface for encrypting and decrypting user-provided text.
- Employed JSON for efficient storage and retrieval of user-defined encryption configurations and data history.

Leadership and Volunteering

Treasurer, UBC Keralam — May 2024 – Ongoing

- Managed the club's annual budget and ensured transparent allocation of resources to support cultural activities.
- Streamlined funding processes by collaborating with team members to track expenses and optimize financial planning.

Marketing Head, UBC Keralam — Sept. 2023 – May 2024

- Led marketing efforts, creating engaging social media campaigns and promotional videos, increasing event participation by 25
- Developed content strategies to enhance online visibility, driving a significant increase in follower engagement.

Orientation Leader, UBC Imagine Day — Jun. 2023 – Oct. 2023

- Facilitated a smooth transition for new UBC Computer Science students by providing guidance and fostering a sense of community.
- Represented UBC Science as a panelist, addressing questions from incoming transfer students and sharing valuable insights.

Skills

Languages: C, C++, HTML, CSS, JavaScript, Python, TypeScript, Java, Bash
Technologies & Tools: Git, Linux, React, NodeJS, Bootstrap, Tailwind, GLSL