

SANYA CHAWLA

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EDUCATION

University of Toronto, St. George Campus B.S. in Computer Science, Arts & Science Internship + CO-OP Program Relevant Courses: Computer Organization, Data Structures, Software Tools & Systems, Multivariable Calculus	Toronto, Ontario, CA Sep 2022 - May 2026
Hikre School IOS Development and Design Bootcamp	Manila, Philippines May 2021 - Sep 2021

TECHNICAL SKILLS

Languages: Python, Java, C/C++, JavaScript, TypeScript, SQL, Assembly, Shell Script, HTML/CSS, Flutter, Swift, R
Frameworks: React.js, React Native, Node.js, WordPress
Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Xcode, Android Studio, Figma, AdobeXD, RStudio
Libraries: Beautiful Soup, TensorFlow, PyTorch, scikit-learn, OpenCV, NumPy, SciPy, Pandas, Matplotlib,

EXPERIENCE

Co-Founder, Lead Software Engineer SLAB AI	Toronto, Ontario, CA May 2024 - Present
<ul style="list-style-type: none">Established an EdTech ML Startup focused on developing a virtual lab assistant powered by large language models (LLMs) to revolutionize science education.Integrated chain-of-thought prompting techniques to simulate predictive reasoningLeveraged frameworks and libraries such as TensorFlow, PyTorch, and scikit-learn to fine-tune AI models, achieving a 95% accuracy rate in lab simulations.	
Software Engineer Intern 1Kit	Toronto, Ontario, CA May 2023 - May 2024
<ul style="list-style-type: none">Developed a full-stack web application using React and Node.js for the AI startup, improving user experience and functionality.	
Digital Growth and Development Intern Wildflour Corp. Philippines	Manila, Philippines May 2023 - Sep 2023
<ul style="list-style-type: none">Led SEO optimization efforts, resulting in a 20% increase in website traffic within four months.Managed all digital platforms, including their app and website, to enhance online presence and engagement.Re-designed the front-end of the website to improve user friendliness and navigation.	
Full-Stack Developer Machine Intelligence Student Team, University of Toronto	Toronto, Ontario, CA Sep 2022 - May 2023
<ul style="list-style-type: none">Spearheaded the development of the website for the team's hackathon, Hack the Mist using TypeScript + ReactCreated reusable and stylish components, bringing in 500+ participants to the event.	
PROJECTS	
Good2Know Python, BeautifulSoup, ReactNative, Firebase github.com/sanyachawla/good2know	
<ul style="list-style-type: none">Developed a React Native app that automates the summarization of top news stories worldwide.Web Scraped top news websites using Python and BeautifulSoup, extracted keywords with an NLP BertModel API, sorted the articles by significance, stored them in the Firestore database	
PressX Java, JavaSwing github.com/sanyachawla/press	
<ul style="list-style-type: none">Produced a Java clean architecture app that filters news based on location and language.Fetches information from Google's News API and displays personalized articles based on the user.Developed a user-friendly interface using Java Swing.	
Ani4me Python, PyGame github.com/sanyachawla/ani4me	
<ul style="list-style-type: none">Engineered an AI recommendation algorithm that provides users with new animes to watch using graph and tree data structures.Utilized information from an online dataset and created the interface using Pygame.	
EcoKidz Swift, Xcode github.com/sanyachawla/ecokidz	
<ul style="list-style-type: none">Created an educational IOS app that teaches the youth about waste management and climate changeGrand Winner of the ImpactHUB 2021 Hackathon, Climate Change Vertical	