

Kunal Joshi

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Objective

Computer Science student at Simon Fraser University with hands-on experience in Python, ML pipelines, and full-stack development. Built AI-powered tools using TF-IDF vectorization, Scikit-learn, and Streamlit. Seeking a junior SWE/ML internship where I can contribute towards building real-world products and expanding my skill-set.

Skills

- Languages: Python, C++, SQL, JavaScript, HTML/CSS
- ML/Data: Pandas, NumPy, Scikit-learn, TF-IDF, Matplotlib, Jupyter Notebook
- Frameworks/Tools: Streamlit, NiceGUI, Docker, GitHub, Git, REST APIs
- Concepts: Machine Learning, Text Vectorization, Classification, Model Evaluation

Projects

AI Resume Analyzer | Python, Scikit-learn, Streamlit, PyPDF2 05/2026 - Current

- Developing an AI-powered web application that extracts and analyzes resume content against job descriptions using TF-IDF vectorization and cosine similarity.
- Implementing session-based navigation, file validation, and error handling within a Streamlit UI.
- Building a previous scans feature where users can monitor resume match scores, missing skills, and improvement trends across applications.

Breast Cancer Tumor Classifier | Python, Pandas, NumPy, Scikit-learn, Matplotlib, Jupyter 02/2026 - 04/2026

- Contributed to building and comparing Logistic Regression (both custom and sklearn), KNN, and Decision Tree models to classify malignant vs. benign tumors.
- Implemented a baseline Decision Tree classifier using Scikit-learn to establish a performance benchmark.
- Collaborated with 3 team members on data cleaning, feature scaling, and model evaluation (precision, recall, F1, etc.).

Mindfully - Wellness Tracker | Python, Docker, REST APIs, NiceGUI 10/2025 - 12/2025

- Developed backend API endpoints and implemented weekly insights to help users track mood patterns over time.
- Integrated weather API with latitude/longitude-based location tracking to deliver personalized wellness recommendations.
- Built frontend components using NiceGUI and collaborated with 4 teammates on database schema and Docker.

Education

Bachelor of Applied Science: Computing Science - Simon Fraser University, Burnaby

- Data Structures & Algorithms, Intro. to AI, Intro. to Software Engineering, Intro. to Web Development
- *Expected Graduation: December 2028*

Experience

Ice Skating Instructor - Moody Park Arena | New Westminster, British Columbia 06/2022 - Current

- Instruct ice skating techniques, fostering skill development across varied skill levels.
- Collaborate with fellow instructors during public skates to coordinate safety, manage the ice, and support skaters across all skill levels.
- Communicate effectively with students, parents, coworkers, and supervisors, maintaining patience during challenging skill instruction.

Software Engineering Intern - Ledgrly | Burnaby, British Columbia 09/2025 - 11/2025

- Implemented transaction filtering functionality for an AI-powered bookkeeping platform using Python and JavaScript.
- Maintained and cleaned Supabase database by auditing and removing irrelevant keywords to improve AI categorization accuracy for financial transactions.
- Removed debug logging across production codebase to improve code quality