

Abhinav Salgania

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Open to 8 months co-op positions to start in September 2023

EDUCATION

MEMORIAL UNIVERSITY OF NEWFOUNDLAND

BACHELOR OF SCIENCE WITH
MAJOR IN COMPUTER SCIENCE
AND MINOR IN PSYCHOLOGY
Sep 2020- Present | St. John's, NL
Dean's List 2020-21 | GPA: 3.50

TECHNICAL SKILLS

LANGUAGES

• Python • HTML • CSS
• JavaScript • Java • SQL

FRAMEWORKS/LIBRARIES

• Pandas • Numpy • Seaborn
• Matplotlib • Excel • Git
• Jupyter Notebook • TypeScript
• React • Node.js

LEADERSHIP EXPERIENCE

INDIAN YOUTH ASSOCIATION, MUN

VICE PRESIDENT

September 2021 - April 2023

- Expertise in event planning and execution, including successful coordination of events such as Diwali night and Bollywood DJ nights for over 100 attendees.
- Organized food delivery, communicated with stakeholders, collected data in Excel and led a team of volunteers.

ENGINEERS WITHOUT BORDERS, MUN

ADVOCACY EXECUTIVE

June 2022 - April 2023

- Successfully helped plan and execute trivia nights and charity events.
- Developed skills in event planning and organization, as well as teamwork and communication.

PROJECTS

AVIATION SAFETY ANALYSIS USING DATA VISUALIZATION

PYTHON/PANDAS/MATPLOTLIB/IPYWIDGETS/SEABORN

April 2023 | Academic Project

- Conducted data analysis to identify important trends and patterns in 25 years of Canadian aviation incident data.
- Developed a comprehensive report summarizing the findings and created visualizations like bar plots, heat map and a pie chart using various technologies to represent data in a clear and understandable manner.

WEATHER APP | JAVASCRIPT/REACT/CSS

January 2023 | Personal Project

- Leveraged multiple APIs to gather real-time weather and time data for a user's location or a searched city, demonstrating proficiency in working with data from external sources.
- Implemented responsive design to provide optimal user experience on both desktop and mobile devices.

DATA ANALYSIS PIPELINE | PYTHON/PANDAS/NUMPY/MATPLOTLIB

December 2022 | Academic Project

- Utilized Pandas to clean and preprocess IMDB Movie dataset and ensured a clean dataset through descriptive statistics and plots.
- Implemented pre-processing techniques to handle missing data and outliers.

SMART TIC TAC TOE | VANILLA JAVASCRIPT/CSS/HTML

December 2022 | Personal Project

- Developed a Tic Tac Toe game using JavaScript, HTML, CSS allowing single player against computer and double player experience.
- Created an AI with varying levels of difficulty and used minimax algorithm to create an impossible level.

KINGDOMINO GAME | JAVA, SWING, SOFTWARE DESIGN PATTERNS

April 2022 | Academic Project

- Collaborated with a team of 4 to design and plan the digital version of the board game KingDomino using OOP Principles and UML Design Patterns.
- Led the team in creating use case descriptions, sequence diagrams, and domain models to define the game's functionality and requirements.

WORK EXPERIENCE

KANANASKIS MOUNTAIN LODGE, MARRIOTT BONVOY

EVENT COORDINATOR

May 2022 - September 2022 (Summer Job) | Kananaskis, Alberta

- Coordinated and executed successful events ranging from small company meetings to large-scale conferences.
- Exhibited exceptional work ethic by completing shifts lasting up to 12 hours and walking over 30,000 steps.
- Developed the ability to handle high-pressure situations, make quick decisions and work effectively as a part of a team.