

Atharva Jagtap

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EDUCATION

University of British Columbia
Bachelor of Science – Computer Science

August 2021 - Present
Kelowna, BC, Canada

PROJECTS

Learning Layers E-learning Platform – Full Stack Development

- Facilitated the creation of an innovative e-learning platform, leading sprint planning, design requirement development, and implementation with a dedicated team of software developers.
- Developed the platform's responsive frontend using React.js, HTML, and CSS, enhancing user experience by enabling course enrollment, assignment submissions, and profile updates.
- Engineered a robust backend with Node.js and MongoDB, ensuring efficient data management for student, teacher, and course information, which resulted in streamlined data retrieval and modification processes.

World Happiness Index Research – Data Analysis

- Led a research project focused on analyzing the World Happiness Report, employing Python libraries including Pandas, NumPy, Matplotlib, and Seaborn for comprehensive data analysis and statistical evaluation.
- Synthesized complex datasets to uncover trends and determinants of global happiness, contributing to a deeper understanding of well-being factors.
- Developed an interactive dashboard using Tableau, facilitating dynamic data visualization, and enabling stakeholders to explore findings in an engaging and accessible manner.

ShelterFinder App – Software Development

- Pioneered the ShelterFinder App project, utilizing Java and Android Studio to develop a vital tool for disaster response.
- Engineered an application dedicated to listing available shelters, assisting individuals in finding safe havens during natural disasters such as wildfires.

SwiftShopper Website – Full Stack Development

- Developed a comprehensive backend with database design using UML and SQL embeddings in code to ensure reliable order and inventory management.
- Constructed a usable frontend with Java, HTML, and CSS following sound design and UI/UX principles to allow customers to easily place online orders for products.
- Created thorough and detailed documentation of the project for others to understand my design decisions and code structure.

WORK EXPERIENCE

Sales Attendant – Subway

January 2023 – December 2023

- Provided excellent customer service, processed transactions, and ensured a clean and organized work environment.

Sales Associate – GNC

October 2022 – December 2022

- Assisted customers with product inquiries, maintained inventory, and supported sales initiatives at GNC.

Intern – Tridel Technologies

June 2022 – August 2022

- Played a key role in testing and debugging applications, contributing to the development and implementation of environmentally sustainable practices. Collaborated with cross-functional teams, engaged in management meetings with the CEO, and gained valuable insights into the intersection of technology and environmental stewardship.

SKILLS

Programming: Java, JavaScript, Python, SQL, HTML, CSS, R

Machine Learning: Supervised and Unsupervised Learning, Ensemble/Resampling Methods, Introductory Neural Network Deep Learning

Technologies: Android Studio, Docker, Tableau, Visual Studio Code, Unit Testing, RStudio

Competent in all **Microsoft Office Software, Analysis of Algorithms, Computer Networks, Software Development Processes, Project Management, Data Analysis**

Intermediate **GitHub** and **Processing** knowledge

Familiar with **financial statements** and **financially literate**

CERTIFICATIONS

Database Web Development Badge**Dr. Ramon Lawrence**

- The badge is awarded to a student with one of the top web development projects in COSC 304 Introduction to Databases each year.

Dean's List Placement**The University of British Columbia**

- Placed in the list for the academic year 2021 – 2022 at university for exceptional academic performance.