

Sama Patnaik

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EDUCATION

University of British Columbia

Bachelor of Science in Mathematics, Physics and Earth Ocean Sciences

Vancouver, BC

Sep. 2022 – May. 2026

Gems Westminster School, RAK

British Curriculum Secondary School — Sheikha Fatima Winner

Ras Al Khaimah, UAE

– May 2022

EXPERIENCE

UBC Datascience Club Outreach

Oct 2023 – Present

AMS Nest Club

Vancouver, BC

- Networked with professionals to join us in our events and host workshops, increasing professional and student engagement.
- Collaborated with club members to develop engaging workshops, seminars, and events aimed at students from diverse academic backgrounds.
- Active participant in the team, attending weekly meetings and communicating with executives, also giving my inputs in each of the meetings.
- Increased professional attendance from major companies (Google, Microsoft, Telus and more) for our Networking Event by 50%.
- Currently working on getting sponsors and outreach effort for our upcoming Career fair.

AMS Poll Clerk

March 2024

AMS

Vancouver BC

- Responsible for set up, take down and proper functioning of voting stations.
- Responsible for providing impartial information to students, along with engaging and drawing potential voters.
- Increased voter turnout and led to the highest presidential election turnout.

PROJECTS

Password Manager | *Java, JUnit, GitHub*

Sept 2023 – Dec 2023

- * Developed an application to enable users to enter passwords, modify/delete them, view and save them along with generating strong passwords.

BOLT UBC case competition hackathon | *Tableau, Excel, Python, R, Canva*

Sept 2023 – Dec 2023

- * Top 20 teams for top business solution, data analytics and presentation

Data analysis project | *R, GitHub*

Jan 2023 – May 2023

- * Exploratory data analysis on whether NBA players would make the All-Star Selections using R
- * Specialized in data cleaning, wrangling, and data visualization with R and ggplot
- * Utilized KNN for predictive modeling

TECHNICAL SKILLS

Languages: Java, Python, HTML/CSS, R

Frameworks: JUnit, WordPress, Figma, Tableau

Developer Tools: Git, VS Code, Visual Studio, IntelliJ, GitHub

Libraries: pandas, NumPy