

Saher Afrin Khan

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EDUCATION

Bachelor of Science (B.S.) - Computing Science

Sep 2021 - Jun 2025 (Expected)

University of Alberta, Edmonton, AB

Relevant Coursework- Introduction to the Foundations of Computation I & II, Practical Programming Methodology, Algorithms I, Formal Systems and Logic in Computing Science, File and Database Management, Numerical Methods.

EXPERIENCE

Junior Data Analyst

Jun 2019 - Dec 2019

PlanetHack, Bangladesh

- Collect, clean, and preprocess raw data from various sources, ensuring its accuracy and reliability.
- Analyze datasets using statistical methods to extract trends, patterns, and insights.
- Develop regular reports and dashboards using data visualization tools to present findings in an understandable manner.

Project

Portfolio Website

Tools: HTML, CSS, JavaScript, React.Js

- Developed a responsive and dynamic personal portfolio website using **ReactJS** to showcase projects, skills, and professional experiences.
- Implemented **React Router** for seamless navigation between pages and utilized **React Hooks** for state management and lifecycle events.
- Optimized for performance and speed by implementing lazy loading, code-splitting, and leveraging the React virtual DOM for efficient updates.

What deals today, Amazon?

Tools: Node.js, Express, request-promise, ScraperAPI

- Successfully extracted detailed product information from dynamic Amazon pages, processing hundreds of requests daily.
- Implemented advanced error-handling mechanisms to deal with potential scraping issues, ensuring a 98% success rate in data retrieval.
- Integrated with third-party services like ScraperAPI to bypass anti-scraping measures, ensuring consistent data delivery.
- Gained hands-on experience in API development and deployment, solidifying backend development skills.

