

Curriculum Vitae

Aryaman Suri

EDUCATION

Bachelor of Science – Computer Science and Statistics

University of Toronto Sept 2019 — Present

- Bachelor of Science in Computer Science & Statistics; minor in Mathematics
- Received the University of Toronto International Scholar Award

Relevant Coursework: Machine Learning, Programming Languages & Compilers, Data Structures, Algorithms & Models of Computation, Algebraic Cryptography, Computer Architecture, Computer Systems, Database Systems, Numerical Methods, Statistical Modeling, Computational Statistics, Multivariable Calculus, Differential Equations

WORK EXPERIENCE

Language Education Research Assistant

University of Toronto Mississauga Jan 2024 – Present

The language studies lab at the University of Toronto Mississauga is a dedicated research hub exploring language acquisition, cognitive processes, and socio-cultural influences on linguistic development.

- Conducted comprehensive research on language education benefits and challenges, referencing authoritative sources.
- Analyzed statistical data to identify trends in language course enrollments, contributing to the understanding of attrition.
- Formulated research questions and methodologies to investigate student and instructor beliefs in language learning.
- Led data collection efforts, including surveys and interviews, to gather insights into student motivations for language course participation.

Freelance Data Analyst

Telus International Nov 2023 – Present

Telus International has an AI training platform that works on increasing the performance of AI chatbots by providing the training they need to understand and interact with real world users.

- Lead and contribute to the crucial field of data quality within machine learning, meticulously labeling, ranking, auditing, and correcting data to ensure optimal accuracy in our models.
- Completed text-based tasks, ensuring every piece of information enhances the overall quality of the data ecosystem.
- Proactively recommended enhancements to elevate the data quality standards and contribute to the continuous improvement of processes.
- Provided constructive feedback to cross-functional team members, fostering a culture of excellence within interdisciplinary teams.

Data Scientist

CulturaliQ May 2022 – Sept 2022

CultureIQ is a market research company focused on data analytics to help clients better reach a more diverse customer base

- Managed end to end data analytics pipeline including collection, cleaning, exploration, and analysis
- Enhanced database connectivity by leveraging software development expertise in Python NumPy, SciPy, python-twitter and MySQL db.
- Developed and implemented statistical models to analyze the behaviors of different demographic groups and provided clients detailed analysis to improve targeted marketing
- Designed web surveys that improved overall data collection and accuracy rates by 20%

Software Developer

ICICI Securities May 2021 – Sept 2021

ICICI securities is a subsidiary of the ICICI Bank built to provide financial solutions to over 5 million global customers. It allows customers to share trade at a low brokerage.

- Administered internal databases in MERN stack, used React.js and SQL Server for maintenance
- Launched an in-house platform that automates end-to-end process to store and update tax invoices that was previously manually handled by employees.

Researcher

The WhiteBoard Company May 2018 – July 2018

TWC is a 360-firm specializing in interactive digital solutions, branding, and events with cumulative experience of over 80 years in diverse industry sectors.

- Leveraged knowledge on SEO and interactive digital solutions to execute social media business strategy and improved digital audience engagement
- Implemented full-stack marketing solutions for clients by utilizing UI design and mobile app development

Technical Skills

Languages

Python, Pandas, SQL, MySQL, PostgreSQL, Shell, R, Java, JavaScript

Strengths

Backend systems design, web development, predictive modeling