



APARAJIT SRIVIDHARAN



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Dallas, TX, USA

EDUCATION

PhD Management Candidate -
Saint Mary's University, Halifax,
NS, Sep 2023 - Ongoing

- Awarded Faculty of Graduate Studies and Research (FGSR) Scholarship worth \$36000.
- Current CGPA 3.9/4.3.
- Successfully passed the Comprehensive Exams in the first attempt.
- Currently in 3rd year and working on completing my dissertation on CSR

MBA - Saint Mary's University,
Halifax, NS, December 2021

- Awarded Faculty of Graduate Studies and Research (FGSR) Scholarship worth \$9000.
- Awarded the annual Pendse Scholarship award worth \$6000.
- Awarded the MBA Student of the Year Award.
- Elected VP Internal of the Sobey MBA Society.
- Ranked 2nd in class with a CGPA of 4.15/4.3.
- Dissertation: Social Innovation: Drivers and Inhibitors of

SUMMARY

BSc, MSc, MBA with multiple Scholarships won. Published as lead author in multiple research papers with novel scientific findings. Substantial experience as a lead research scientist in genomics and life sciences. Successfully completed the PhD Comprehensive Exams and currently a PhD Candidate at Saint Mary's University.

WORK HISTORY

EmmyWatch - Business Development Strategist and Consultant, Dallas, TX

January 2022 - Current

- Identified a niche market and created a growth strategy that allowed this new start-up to achieve profitability in 2 years.
- Worked with software developers in both a technical and strategic role to create an effective online interface to query data from our large, proprietary informatics dataset on vintage luxury watch specifications and components.
- Mocked up user interface prototypes using *HTML*, *CSS*, and *Javascript* for the EmmyWatch website and mobile application.

TD Canada Trust – Personal Banking Associate, Halifax, NS

January 2022 - January 2025

- Responsible for maintaining my own book of clients for both Personal Lending, Investments and Referral to TD Wealth Partners. Assist clients with their daily banking needs as required and provide basic financial literacy and advise for clients' financial health and benefit.

Strand Life Sciences - Scientist III (Bioinformatics/Variant Science)

May 2014 - January 2020

- Managed a team of 5 in the strategic planning, development and execution of multiple scientific curation projects for in-house use, publications, market research, and for external clients like *Invitae*, *Illumina* and *UHC*.
- Clinical data and Next Generation Sequencing data interpretation as well as review of clinical reports for germline cancers and rare diseases.
- Co-ordinated with the marketing and design teams to present a unified brand message and amplify brand voice to clients using online channels and informative brochures.
- Collaborated with the marketing team and spoke at multiple scientific events and seminars on the utility of *Strand NGS* diagnostic panels and other bioinformatic tools.

MSc Genetic Manipulation and Molecular Cell Biology -

University of Sussex, Brighton,
UK, September 2013

- Ranked 2nd in class with a CGPA of 3.8/4.0.
- Dissertation: Investigating the epigenetic modifications and protein-protein interactions that occur during a double strand break (DSB) repair process.

BSc Biotechnology – Manipal University, Manipal, India, May 2012

- CGPA of 3.4/4.0.
- Dissertation: Understanding the temporal distribution of endophytic fungi associated with an orchid (*Pholidota pallida*) and their biotechnological potential.
- Captain of college soccer team for 4 years. Won the Inter-college soccer tournament all 4 years.

University of Sussex - Masters Research, Brighton, UK

September 2012 - September 2013

- Investigating the epigenetic modifications and protein-protein interactions that occur during a double strand break (DSB) repair process in fission yeast.

Manipal University, School of Life Sciences - Bachelors Research, Manipal

June 2011 - December 2011

- Understanding the temporal distribution of endophytic fungi associated with an orchid (*pholidota pallida*) and their biotechnological potential in production of anti-cancer enzymes including asparaginase and arginine deiminase.

SKILLS

Language Skills

- Native English speaker/writer. GMAT: 670. IELTS: 8.5, CEFR Level C2, top possible CEFR tier; native-level fluency.
- Fluent in English, Hindi, Tamil, and Kannada.

Technical Skills

- Experience using *Linux, MacOS, and Windows* in a work place setting.
- Expert level experience with multiple bioinformatics visualization tools such as *Strand NGS, Ensembl Genome Browser, UCSC Genome browser,* etc.
- Expert level experience with bioinformatics analysis tools such as *Alternate Splice Site Prediction (ASSP), Berkeley Drosophila Genome Project (BDGP), ENIGMA,* etc.
- Advanced level usage of Stata as a statistical data analysis tool. Currently learning Python and SQL for a similar function.
- Advanced level usage of AtlasTi and NVivo for qualitative data analysis.
- Experience using open-source Linux command line tools in a *BASH* environment such as *BWA (Burrows-Wheeler Aligner), SAM tools, GATK4 (Genome Analysis Toolkit),* etc, to create and assess genomic sequence data.
- Experience with *Javascript, HTML, and CSS* in web and mobile app contexts.
- Office Suites: *MS Office, Office 365, G Suite, Libre Office.*
- Presentation Software: *Powerpoint, Keynote, Prezi.*
- Spreadsheets: Excel, Calc, Google.

PUBLICATIONS

- Ganapathy A, **Sridharan A**, et al. *Multi-gene testing in neurological disorders showed an improved diagnostic yield: data from over 1000 Indian patients*. J Neurol. 2019;266(8):1919-1926. [[PMID: 31069529]]
- Gupta N, Langeh N, **Sridharan A**, Kabra M. *Identification of a Novel 19-bp Deletion Mutation in LTBP4 Using Exome Sequencing in Two Siblings with Autosomal Recessive Cutis Laxa Type 1C*. J Pediatr Genet. 2020;9(2):125-131. [[PMID: 32341818]]

OTHER RELEVANT WORK EXPERIENCE

Management Dept - Saint Mary's University - Teaching Associate/Instructor (with Dr. Xiaoyu Liu, Dr. Feng Liu, Dr. Hao Lu & Dr. Mojtaba), Halifax, NS

September 2021 – Ongoing

- Taught students core concepts in Strategic Management, International Business Management, Exploring Sustainability, etc. Graded papers, exams, and presentations.

Management Dept - Saint Mary's University - Principal Investigator (with Dr. Chantal Hervieux), Halifax, NS

June 2021 – December 2021

- By conducting in-depth interviews with key stakeholders and focus groups and performing a coded analysis using AtlasTi, my qualitative research provided key insights into the financial inclusion of marginalized communities into governmental projects and initiatives.