St. John's, NL, Canada **LinkedIn:** <u>tarun010</u>

Tarun Subramanian

<u>tarun010.pythonanywhere.com</u> Github: <u>tarun010</u>

SKILLS

Version Control - Git; Linux kernel, Bash; Data Science – Pandas, Numpy, Matplotlib, TensorFlow, SciKit-Learn; Computer Programming - Python, Java, C++, JavaScript, SQL; Web Development - Flask, Node; Microsoft Office.

EXPERIENCE

o Managing Partner – Hotel Nalapakam: Palani – India.

January 2021 - Present

Email: tsubramanian@mun.ca

- Reviewed and monitored financial activities, performance, and documentation.
- Consulted and co-operated with board members and employees.
- Organized COVID-19 vaccination camps for employees.
- Designed the company website and managed social media advertising.
- Supervised procurement of enterprise equipment and products.
- Upgraded IT equipment and software for efficient business practices.
- Implemented COVID-19 health protocols and reopened for business after lockdowns.
- Managing Partner PR Information Technologies: Palani, India.

February 2021 - September 2021

- Reviewed performance and client orders.
- Created websites for clients using HTML, CSS, JavaScript, and professional website builder tools.
- Spawned Windows and Linux e-mail servers, and VPS servers.
- Designed website banners, logos, and email newsletters.
- Enabled small businesses and individuals establish and grow their online presence.
- Fulfillment Associate Sobeys Inc: Mount Pearl, Canada.

July 2020 - November 2020

- Essential worker during 2020 COVID-19 crisis.
- Completed WHMIS and powerjack training.
- Assembled and selected orders for shipping and receiving to and from retail stores.
- Ensured effective execution of all food safety guidelines in keeping with Sobeys policy.
- Successfully collaborated with multiple teams to achieve objectives within deadlines.
- **Research Assistant** Faculty of Education, Memorial University: *St. John's, Canada*.

June 2018 – August 2020

- Prepared and conducted academic surveys in the Primary Education field.
- Updated the <u>Relationships First website</u> using HTML/CSS and Wix website builder.
- Collated an academic research handbook: Relationships First Implementation Guide.
- Managed video equipment and software for public events.
- Utilized social media and analytics tools, managed advertisement campaigns.

EDUCATION

Bachelor of Science, Memorial University of Newfoundland: St. John's, NL, Canada.

Class of 2022

Major: Computer Science

PROJECTS

- trading-bot-simulator: Simple trading bot with Kraken exchange's API.
- ML-Classification: Machine learning classification methods on a dataset to select the best performing model.
- quoridor: Quoridor game implemented in Java. COMP 2005 Software Engineering course project.
- tarun010.pythonanywhere.com: Responsive portfolio website that uses the Flask micro web framework.
- typing speed calculator: An MS-DOS application that calculates the typing speed of a sample text.

VOLUNTEERING EXPERIENCE

- Student Volunteer Bureau, MUN: Volunteer Incentive Program Bronze Level.
- COVID-19 Vaccination Drive: Palani Taluk Organized transport to remote areas.

INTERESTS AND ACHIEVEMENTS

- Third Place: <u>Developer Bootcamp Hack Frost NL.</u>
- Investments in Exchange Traded Funds, day trading equities on National Stock Exchange of India. Used candlestick charts, fundamental and technical indicators to identify opportunities and trends.
- Multiple languages: English, Russian, Hindi, Tamil.
- Mixed Martial Arts: Brazilian Jiu-Jitsu; Goju-Ryu Karate Brown Belt.
- Artificial Intelligence, Natural Language Processing, **Sentiment Analysis**, **High Frequency Trading**, **Algorithmic Trading**, Geopolitics, Keynesian Economics.