St. John's, NL

Tarun Subramanian

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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**.

EXPERIENCE

- **Managing Partner** – Hotel Nalapakam: *Palani, India.*   *Jan 2021 – Sept 2021*
  - Consulted with board members, reviewed assets and liabilities, and monitored business performance.
  - Updated company website, managed advertising, and supervised daily operations.
  - Implemented COVID-19 protocols, organized vaccine drive and reopened for business after lockdown.

- **Managing Partner** – PR Information Technologies: *Palani, India.*   *Feb 2021 – Sept 2021*
  - Consulted with board members, monitored performance, and delivered client orders.
  - Created logos, email newsletters, and websites using HTML, CSS, JavaScript and Flask framework.
  - Enabled small businesses and individuals establish and grow their online presence.

- **Warehouse Associate** – Sobeys Inc**:** *Mount Pearl, NL.*   *Jun 2020 – Nov 2020*
  - Essential worker during 2020 COVID-19 crisis, completed WHMIS and pallet-jack training.
  - Collaborated with teams, assembled orders for shipping and receiving to and from retail stores.
  - Ensured effective execution of all food safety guidelines in keeping with Sobeys policy.

- **Research Assistant** – Faculty of Education, Memorial University: *St. John's, NL.*   *Jun 2018 – Aug 2020*
  - Prepared academic surveys for Dr. Dorothy Vaandering's research in the field of Restorative Justice.
  - Updated the Relationships First: Resorative Justice website using HTML, CSS and Wix website builder.
  - Compiled and edited an academic research handbook: Relationships First Implementation Guide.

EDUCATION

- **Bachelor of Science** – Memorial University of Newfoundland: *St. John's, NL.*   *Sept 2017 – Dec 2022 (Expected)*
  - Major: Computer Science

PROJECTS

- tarun010.pythonanywhere.com: *Aug 2021*
  - Responsive portfolio website; Flask framework; Blog app; GitHub and Formspree REST API.

- trading-bot-simulator: *Jul 2021*
  - Cryptocurrency paper-trading bot; Kraken REST API – Receives OHLC data and buys/sells.

- ML-Classification: *May 2021*
  - Group project; Data pre-processing; Hyper-parameter tuning; Model performance over dataset.

- quoridor: *Dec 2020*
  - Group project: Software Engineering course; Quoridor board game; Java; Unit testing.

- typing_speed_calculator: *Dec 2015*
  - Group project: High School; MS-DOS application; C++.

VOLUNTEERING EXPERIENCE

- COVID-19 Vaccination Drive – Hotel Nalapakam: *Palani, India.*   *Aug 2021*
  - Palani Taluk – Organized transport for employees and rural workers to vaccination centers.

- Student Volunteer Bureau – Memorial University of Newfoundland: *St. John's, NL*   *Aug 2020*
  - Volunteer Incentive Program – **Bronze Level**.

INTERESTS AND ACHIEVEMENTS

- **Third Place**: Developer Bootcamp – Hack Frost NL *(Aug 2021)*.
- 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, Machine Learning, Natural Language Processing, Sentiment Analysis, High Frequency and Algorithmic Trading, Quantitative Finance, Geopolitics, Keynesian Economics, Blockchain, Cryptocurrency.