St. John’s, NL, Canada **Tarun Subramanian** **Email:** [tsubramanian@mun.ca](mailto:tsubramanian@mun.ca)

[**LinkedIn:**](https://www.linkedin.com/in/tarun010/) [tarun010](https://www.linkedin.com/in/tarun010/) [tarun010.pythonanywhere.com](https://tarun010.pythonanywhere.com/) [**Github:**](https://github.com/tarun010/) [tarun010](https://github.com/tarun010/)

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

* **Managing Partner –** Hotel Nalapakam: *Palani – India.* *January 2021 – Present*
* 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](https://newtirupurlodge.net/) 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 [Relationships First website](https://www.relationshipsfirstnl.com/) using HTML/CSS and Wix website builder.
* Compiled and edited an academic research handbook: [Relationships First Implementation Guide.](https://ef577a7c-c833-48fc-8c87-c3967cbbc38c.filesusr.com/ugd/556f9d_1d363a4b1d3846e096e2517f683261b2.pdf)
* 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](https://tarun010.pythonanywhere.com/projects/)

* [trading-bot-simulator](https://gitfront.io/r/tvf3py3/38e6a314437481a346c4eaccce76e3c0cf3167a0/trading-bot-simulator/): Paper-trading bot that uses Kraken exchange's API to buy and sell cryptocurrency.
* [ML-Classification](https://gitfront.io/r/tvf3py3/3533d08f15fc39d1cd4ef0b8421466915496edc4/ML-Classification/): Machine learning classification methods on a dataset to select the best performing model.
* [quoridor](https://github.com/tarun010/quoridor): Quoridor game implemented in Java. COMP 2005 Software Engineering course project.
* [tarun010.pythonanywhere.com:](https://github.com/tarun010/tarun010.pythonanywhere.com) Responsive portfolio website that uses the Flask micro web framework.
* [typing\_speed\_calculator:](https://github.com/tarun010/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**: [Developer Bootcamp – Hack Frost NL](https://hackfrostnl.github.io/dev-bootcamp-v1.0/).
* 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, **Sentiment Analysis**, **High Frequency** and **Algorithmic Trading**, Geopolitics, Keynesian Economics, **Blockchain, Cryptocurrency**.