

## 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

- **Web Developer** – PR Information Technologies: *Remote, TN, India.* *Jan 2021 – Oct 2021*
  - Created logos, email newsletters, and websites using HTML, CSS, JavaScript and Flask framework.
  - Consulted with board members, monitored performance, and delivered client orders.
  - Enabled small businesses and individuals establish and grow their online presence.
- **Managing Partner** – Hotel Nalapakam: *Palani, TN, India.* *Jan 2021 – Oct 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.
- **Warehouse Associate** – Sobeys Inc: *Mount Pearl, NL, Canada.* *Jun 2020 – Nov 2020*
  - Essential worker during 2020 COVID-19 crisis, completed WHMIS, pallet-jack and forklift training.
  - Collaborated with teams, assembled orders for shipping and receiving.
  - Ensured effective execution of safety guidelines in keeping with Sobeys policy.
- **Research Assistant** – Faculty of Education, Memorial University: *St. John's, NL, Canada.* *Jun 2018 – Aug 2020*
  - Prepared academic surveys for Dr. Dorothy Vaandering's research in the field of Restorative Justice.
  - Updated the [Relationships First: Restorative 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, Canada.* *Sept 2017 – Dec 2022*
  - Major: Computer Science

## PROJECTS

- [tarun010.pythonanywhere.com](http://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.
- [solidworks projects](#): *Apr 2018*
  - Computer Aided Design; Dassault SolidWorks; Engineering Graphics.
- [typing speed calculator](#): *Dec 2015*
  - Group project: High School; MS-DOS application; C++; Calculates typing speed for sample text.

## VOLUNTEERING EXPERIENCE

- COVID-19 Vaccination Drive – Hotel Nalapakam: *Palani, India.* *Jul 2021*
  - Organized vaccination camps for employees with authorization of District Magistrate of Palani District.
- 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**, **Sentiment Analysis**, High Frequency and **Algorithmic Trading**, **Quantitative Finance**, Geopolitics, Keynesian Economics, **Blockchain**, Cryptocurrency, **Cybersecurity**.