St. John's, NL, Canada

Tarun Subramanian

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SKILLS
Version Control: **Git**; Programming: **Python, Java, C++, JavaScript, SQL**; **Linux kernel, Bash**; Data Science, Machine Learning: **Pandas, Numpy, Matplotlib, TensorFlow, PyTorch**; Web Framework: **Flask, Node; CAD.**

EXPERIENCE
o **Stunt Performer** – ACTRA Newfoundland: *St. John's, NL, Canada* *Aug 2022 - Present*
- Performed as a stunt double for a Newfoundland television show.
- Studied scripts and plans under Stunt Coordinator to identify the best way to perform stunt roles.
- Rehearsed stunts with safety gear and performed in front of cameras and audience.

o **Business Analyst** – ChainSys Corporation: *Grand Ledge, Michigan, USA* *Jan 2022 – Aug 2022*
- Developed data migration solutions for clients using Smart Data Platform.
- Analyzed and customized software to achieve operational efficiency.
- Provide training, technical, and functional support for clients in the North America region.

o **Web Developer** – PR Information Technologies: *Bengaluru, India* *Jan 2021 – Dec 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.

o **Warehouse Associate** – Sobeys Inc**:** *Mount Pearl, NL, Canada* *Jun 2020 – Nov 2020*
- Essential worker during the 2020 COVID-19 crisis, completed WHMIS, pallet-jack and forklift training.
- Collaborated with teams, assembled orders for shipping and receiving.
- Operated heavy machinery and enforced factory floor safety protocols.

o **Research Assistant** – Memorial University of Newfoundland: *St. John's, NL, Canada* *Jun 2018 – Sept 2020*
- Faculty of Education: Prepared academic surveys for 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
o **Bachelor of Science** – Memorial University of Newfoundland: *St. John's, NL* *Sept 2017 – Dec 2022 (Expected)*
- Major: Computer Science

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

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

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

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

o solidworks_projects: *May 2018*
- Computer-Aided Design Engineering Graphics using Dassault SolidWorks.

VOLUNTEERING EXPERIENCE
o COVID-19 Vaccination Drive – NTL Hotels Group: *Palani, India* *Jul 2021*
- Organized vaccination camps for employees with authorization from the Deputy Commissioner.

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

INTERESTS AND ACHIEVEMENTS
o **Third Position Award**: Developer Bootcamp – Hack Frost NL *(Aug 2021)*.
o Multiple languages: **English, Russian, Hindi, Tamil**.
o Mixed Martial Arts: **Brazilian Jiu-Jitsu**, **Goju-Ryu Karate** - Brown Belt, **Muay Thai, Kickboxing**
o **Artificial Intelligence**, **Machine Learning**, **Sentiment Analysis**, High Frequency and **Algorithmic Trading**, **Quantitative Finance**, Geopolitics, Keynesian Economics, **Blockchain,** Cryptocurrency, **Cybersecurity**.