**JUSTIN TRAN**

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[github.com/jtran1412](http://github.com/jtran1412)

Strong interpersonal skills, technical skills, problem-solving skills, communication skills, collaboration skills, and analytical skills. Ability to work independently without supervision or work collectively as a team. Successfully created many AI/ machine learning projects (posted on Github) using Python, Keras, SciKit-Learn, Matplotlib, and Pandas. Full stack developer/ software engineer with experience in designing and developing web applications (both front-end development and back-end development). Experienced in using Version Control Systems (Git), Jira ticketing system, CI/CD (Azure DevOps), APIs, React JS, Typescript, SQL Server, and [ASP.NET](http://asp.net) core MVC. Completed the University of Toronto accelerated Fintech program with a 4.0 GPA. Familiar with object-oriented programming. Familiar with SDLC (software development lifecycle) stages: Requirements Gathering, Analysis, Design, Development/ Coding, Testing, Deployment, and Maintenance). Experienced in working with Agile development methodology.

**Education**

**Fintech Program 07/2022 - 02/2023: University of Toronto**

An accelerated program of a 4-year computer science program but condensed into an intense 24 weeks (but in reality took 34 weeks total). It focused on gaining technical programming skills in Python, SQL, Ethereum, Blockchain, and Machine Learning.

**Bachelor of Kinesiology 09/2012 - 05/2016: University of Toronto**

A 4-year program in health sciences with electives in statistics and pharmacology.

**Work Experience**

**Intern at Winmagic 01/2025 - Present:** Fixed bugs on the front-end side such as button not working because zod schema had strict validation rules that prevented form submission, or other code logic not working as intended.

**Physician Assistant at Provis-Rudd 01/2019 - Present:** Assessed patients to qualify for a colonoscopy and/ or gastroscopy to save time with the doctor.

**Life Insurance Agent at Greatway Financial 01/2018 - 01/2019:** Sold life insurance as an investment and TFSA from BMO, equitable life, and Ivari to save people money for retirement.

**Sales Rep at Rogers 01/2017 - 01/2018:** Sold internet, phone, and cable services door-to-door at a discount to save people money.

**Customer Service at Nails R Us 01/2016 - 01/2017:** Assisted customers in finding, packing, and moving merchandise to keep the business running smoothly.

**Github**

(see github profile for more)

**Credit Risk Classification | https://bit.ly/CreditRiskClassification**

2 logistic regressionmodels were created to determine if a bank should approve or reject a client loan. One model used an imbalanced dataset to train. The other used a module (RandomOverSampler) to balance the imbalanced data set and used that new dataset to train.

**Stock Prediction with Neural Network | https://bit.ly/NeuralNetworkStockPrediction**

A neural networkwas created to predict which stocks from the Nasdaq100 would 10x in value (or more) in 10 years. The model was trained on business fundamental values such as the P/E ratio.

**Technical Analysis| https://bit.ly/SupervisedMachineLearningTA**

3 supervised ML models trained with technical analysis indicators were created and compared: a linear regressionmodel, a time series model, and an ensemble model. They predicted which stocks of the S&P100 would beat SPY by at least 10% in 1 year.

**Job Application Tracker|** [**https://github.com/jtran1412/JobTracker.API**](https://github.com/jtran1412/JobTracker.API)

Tracks status of job applications. UI is React + Typescript. API is ASP.NET MVC + SQL Server. UI uses Chakra UI + React Table (TanStack Table). API uses both API controller and MVC controller.