

Jason Tang

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Education

University of Toronto St. George / Honors Bachelors of Science

September 2017 - April 2021, Toronto

Computer Science Major with Mathematics Minor

Technology Leadership Initiative

Cumulative GPA: 3.85 / 4.00

Skills

Languages / Python. Java. JavaScript. C#.

Frameworks / PyTorch. Tensorflow. Keras. ReactJS. Bootstrap. Flask. .NET Core

Tools / Git. Unix. Bash. Firebase. SQL. NoSQL. Android Development. HTML. CSS.

Experience

Junior Developer / Sitewide Solutions

January 2019 - Present, Toronto

- Developing Backend APIs utilizing **ASP .NET Core** in an **Agile** work environment.
 - Automating workflow and improving efficiency of communication between workers in the field.
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Projects

Rainy / Image Classification Algorithm

- Designed an image classification machine learning program to determine whether or not it is raining within the scene of an image.
- Created using **PyTorch** and written in **Python** employing a pretrained Resnet 18 layer model for feature extraction to achieve a test accuracy of 95.8%.

Field Team Management System / React Web Application

- Engineered a solution for Nor-weld Ltd., a welding company, for managing client work orders, assigning jobs, tracking tasks, and submitting timesheets.
- Utilized **ReactJS** and **Bootstrap** frameworks to create the front end components

How Much Do I Need / Java Based Android Application

- Implements **Android** framework in **Java** to obtain user inputted weightings and grades for assignments in order to calculate current mark.
 - Redesigned from initial conception as a python program into a mobile application.
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Awards

2017/2018 Dean's List Scholar

University of Toronto Scholars Admission Scholarship

National Lifeguard Pool Award