

Nathan Truter

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LANGUAGES

Programming: Java, Python, C (intermediate)

Spoken: English(fluent), Afrikaans(intermediate), Chinese(intermediate)

SKILLS

- A.I. & Machine Learning(ScikitLearn/PyTorch)
- Mobile App Development(Android Studio)
- Web Development (Django/JavaScript,Css,HTML)
- Object Oriented Programming(Java)
- Databases(PostgreSQL)

EDUCATION

Online Courses certification - Jovian

Machine Learning: GBMs (<https://jovian.ai/certificate/MFQTKNRRGE>)

Deep Learning with PyTorch: GANs

Data Structures and Algorithms (<https://jovian.ai/certificate/MFQTKNJVGM>)

Hunan Agricultural University - Hunan, China

JANUARY 2019 - PRESENT

BSc Computer Science 3rd year

Pretoria Boys High School - Pretoria, South Africa

2005 - 2009

National Senior Certificate

PROJECTS

Machine Learning: <https://jovian.ai/truternathan/notebooks>

- Image classification using ResNets, Regularization and Data Augmentation
- Sales prediction using Gradient Boosting Machines
- Weather prediction using Logistic Regression

Web Development:

- Django Personal Portfolio: <https://nathantruter.pythonanywhere.com>
- Todo App with Login Authentication: <https://ntruter.pythonanywhere.com>

Software Development: <https://github.com/NathanTruter>

- Webcam motion detector
- Face detection
- Web scraping
- Bookstore executable

EXPERIENCE

Acquire English training centre, Changsha, Hunan - *Foreign Teacher*

MAY 2016 - PRESENT

- English Teacher, 4 - 13 years old.
- Introductory - Advanced Level
- Designer of the new school curriculum

Christian Brothers' College, Pretoria - *Sports Coach*

JAN 2015 - DEC 2015

- Cricket Coach (Summer)
- Football Coach (Winter)

ABOUT

Hi! I'm a computer science student studying in China (currently completing all courses online in South Africa (Covid). My interests include exploring new countries and their cultures, A.I. and its potential, Space Exploration.