

Tanish Baranwal

SKILLS/ABILITIES

- 10 Years Python Experience, 4 Years Tensorflow Experience, C++ experience
- Computer Vision, Reinforcement Learning, NLP, Machine Learning
- Author of the book "What's New in Tensorflow 2.0"

EXTERNAL PROFILES

- Profile pages: www.tekotan.com, www.linkedin.com/in/tekotan
- Code and blogs: www.github.com/tekotan, www.medium.com/@tekotan

EDUCATION

Dublin High School, Dublin – Junior

August 2018 – PRESENT, Dublin

Relevant Coursework: AP Computer Science Applications, AP Statistics, AP Chemistry, Honors Principles of Engineering, AP Calculus AB, AP Physics C

Stanford University – Part-Time Student

August 2018 – PRESENT, Stanford

Relevant Coursework: Programming in C++, Applied Matrix Theory, Number Theory, Data Structures and Algorithms, Multivariable Differential Calculus

Certificates – Coursera Online

Deep Learning Specialization, a 5-courses set by deeplearning.ai

Reinforcement Learning Specialization, a 4-courses set by the University of Alberta

EXPERIENCES

Robotic Process Automation in Quality Assurance – Data Scientist

January 2020– PRESENT

- Build a web navigation agent to traverse the internet given a query goal
- Develop a cognitive web navigator to test portions of websites for functionality

Intelligent Virtual Assistant Navigator – Data Scientist

August 2019 – January 2020

- From very limited data, built Object Detection and Natural Language Understanding models to extract links from a website screenshot and decide on a link to click

Credit Card Fraud Detection Project – Data Scientist

October 2018 – December 2018

- Used Deep learning related anomaly detection strategies such as autoencoders and upsampling to detect the fraud using past transaction data

OTHER EXTRACURRICULARS

Tri-Valley Animal Rescue, Dublin – Volunteer

March 2019 – PRESENT

- Responsibilities involve socializing with animals to help them get adopted

Tri-Valley Youth Expo, Dublin – Vice President

August 2019 – PRESENT

- Organize community events for youth such as Hackathons and Battle of Bands

OTHER ACTIVITIES

- Pleasanton Seahawks and Dublin High School Swimmer
- Hackathon Attendee who attends once a month
- Blog Writer on Medium with over 5000 views
- California Scholarship Federation, Red Cross, and other school volunteer organizations

AWARDS AND HONORS

- 1st Place Award at 2020 ACSEF Fair
- 1st Place Award at 2019 Dublin High School Entrepreneurship Showcase
- 4th Place Award at Golden Gate Science Fair