

Krisztián Szabó

BACHELOR STUDENT IN TECHNICAL COMPUTER SCIENCE @UTWENTE

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Technologies

Programming	Python, Java, SQL, JSON/XML, Android SDK, LaTeX
Libraries/Frameworks	Numpy, Pandas, scikit-learn, Jupyter, Django, PostgreSQL, Maven
IDEs	Sublime Text, Visual Studio Code, IntelliJ, PyCharm, Android Studio
VCS	Git

Experience

BestJobs

MACHINE LEARNING INTERN

- Learned about and implemented Linear Regression Models
- Learning was largely based on Andrew Ng's coursera course named "Deep learning"
- For verification: coursera.org/verify/G635EXY7M4V2

Targu Mures, Romania

Jul 2019 - Aug 2019

Chris Solutions

FOUNDER AND DEVELOPER

- Developing and maintaining administration webapps in Django
- Current target group: flower companies

Enschede, Netherlands

Nov 2018 - present

Schneider BV

GENERAL GREENHOUSE WORKER

- Work with plants, moving, planting, pinching, spacing, hanging baskets, putting trays/containers on benches, transplanting plugs
- Load racks of flowers onto trucks according to invoices and routing. Organize product on docks for truck loading.

Ridderkerk, Netherlands

Aug 2016

SDA church Technical Department

HEAD DIRECTOR AND OPERATOR

Miercurea Nirajului, Romania

2015 - 2017

MyProjects

Network Intrusion Detection System

UNIVERSITY PROJECT

- Classified network traffic data using one class Support Vector Machine
- Used Python, Pandas, NumPy, scikit-learn, Jupyter Notebooks

Road Crossing Co-op

UNIVERSITY GROUP PROJECT

- Developed a real life implementation of Crossy Road on top of prebuilt player movement detection system
- Used Kinect SDK v1.8, OpenCV, Python, Bash, self developed wearable, prebuilt system
- Responsible for object detection and tracking, hardware/software troubleshoot of wearable and prebuilt system
- link to prebuilt system and study <https://doi.org/10.1016/j.entcom.2016.03.001>

Smartphone sensor based bike path evaluation

UNIVERSITY GROUP PROJECT

- Android application to automatically classify road anomalies on a webapp in real time
- Achieved top 3 best implementations
- Responsible for classification and app development

Activity classification using a smartphone

UNIVERSITY GROUP PROJECT

- Android application to classify user movement and visualize on a webapp in real time
- Responsible for classification and app development

Web app for OVSoftware B.V.

UNIVERSITY GROUP PROJECT

- Web application for maintenance of internal pay rates for OVSoftware (used Java, Tomcat, PostgreSQL)
- Responsible for back-end and security

Education

University of Twente

TECHNICAL COMPUTER SCIENCE

Enschede, Netherlands

Sep 2017 - expected by 2021

Extracurricular Activity

Young Caritas Volunteering

Targu Mures, Romania

MEMBER

May - Jul 2016

- Under the “Hagyj Nyomot!” initiative, developed a plan with a group of 14 people to help elders in need in Targu Mures
- During July we went to elders whom were left alone and cleaned their house, garden, planted flowers, and purchased essential goods

Boy scouts

Romania

LEADER, ORGANIZER AND PHOTOGRAPHER

2014 - 2017

- Weekly organised meeting with young boy scouts where we learned about camping, learned songs and played group games.
- Helped in organising and photographing the annual boy scout weeks, where ≈ 200 young boy scouts and ≈ 40 leaders went out camping, near remote areas