Krisztián **Szabó**

BACHELOR STUDENT IN TECHNICAL COMPUTER SCINECE @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   *Targu Mures, Romania*

MACHINE LEARNING INTERN   *Jul 2019 - Aug 2019*

- 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`

Chris Solutions   *Enschede, Netherlands*

FOUNDER AND DEVELOPER   *Nov 2018 - present*

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

Schneider BV   *Ridderkerk, Netherlands*

GENERAL GREENHOUSE WORKER   *Aug 2016*

- 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.

SDA church Technical Department   *Miercurea Nirajului, Romania*

HEAD DIRECTOR AND OPERATOR   *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   *Enschede, Netherlands*
Technical Computer Science   *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 boyscouts where we learned about camping, learned songs and played group games.
- Helped in organising and photographing the annual boy scout weeks, where ≈200 young boyscouts and ≈40 leaders went out camping, near remote areas