

AHMET HAMZA EMRA

(+1) 832 274 7792 ◇ hamza.emra@gmail.com

Github : AhmetHamzaEmra ◇ LinkedIn : ahmethamzaemra

SUMMARY

Passionate Data Scientist with experience in software engineering. I want to learn and understand things and change the World with them.

TECHNICAL STRENGTHS

Programming Languages	Python, R, MATLAB
Frameworks/Libraries	Tensorflow, Pytorch, tflearn, keras, Numpy, sklearn
Web Frameworks/Libraries	Django, Flask
Database	MongoDB, MySQL
Operating Systems	Linux, macOS, Windows, Raspbian
Other	Git/Github, Ipython Notebook, Latex

PROJECT EXPERIENCE

- NASA Wearable Technologies Analysis** Poster link
- Analyzing the dataset from IOT devices on the International Space Station in order to control CO2 level and predict anomalies.
 - Build an anomaly detection model with LSTM and fully connected networks
 - Presented a poster at the NASA Wearable Technologies Workshop on April, 2018.
- Tools: Python, plotly, keras, numpy, flask

- Mini Autonomous Car** Report
- Build miniature car with Raspberry Pi which follows roads using feed forwards networks written with python from scratch.
- Tools: Python, numpy, Raspbian

- MLRPRO** Repository link
- Classified resumes and created a web base interface for users to check if they are qualified for top companies.
 - Lead three people team to build Machine Learning Project for th competition which led to first place in the hackathon.
- Tools: Python, sklearn, flask, pdfminer

- Intelligent Lock** Repository link
- Developed a door lock with face recognition and liveness detection.
 - 13th most stared tflearn project on Github
- Tools: tflearn, opencv, face_recognition

- Cakma Sair** Repository link
- Built Twitter bot which uses recurrent neural network to generate the rest of poem with given the first words.
- Tools: Tweepy, tflearn

CERTIFICATION

Udacity Machine Learning Nanodegree	<i>August 2017</i>
Udacity Data Analyst Nanodegree	<i>March 2017</i>
Coursera Machine Learning	<i>July 2017</i>
Coursera Neural Networks and Deep Learning	<i>August 2017</i>
Coursera Improving Deep Neural Networks	<i>September 2017</i>
Coursera Structuring Machine Learning Projects	<i>October 2017</i>
Coursera Convolutional Neural Networks	<i>November 2017</i>
Coursera Sequence Models	<i>February 2018</i>
Linkedin Building and Deploying Deep Learning Applications with TensorFlow	<i>November 2017</i>
Linkedin Building Deep Learning Applications with Keras 2.0	<i>November 2017</i>

EDUCATION

North American University
Computer Science B.S

August 2014 - May 2018

EXPERIENCE

Harmony Public Schools *IT Support Analyst*

January 2018 - Present

- Take care the more than 700 student's and 80 employee's technical needs.
- Design and Developed collage counseling web site.

NAU-Association for Computing Machinery *Chapter President*

January 2018 - May 2018

- Increase campus involvement with Computer Science as Student Chapter Chair through organizing daily meetings, events, and connecting students to industry knowledge and professionals.
- Plan events including company site visits, guest industry speakers, Hackathons, Capture the Flag competitions, and professional development events for the community.
- Expand knowledge and skills across fields for both broad and in depth learning by working with specific fields of Computer Science and industry professionals

NAU-Association for Computing Machinery *Lecturer*

August 2017 - May 2018

- Taught Deep Learning course to 10 people including undergraduate and graduate students in Spring 2018 semester.
- Taught Machine learning course to 10 people for undergraduate students in Fall 2017 semester.

North American University *Assistant Facility Manager*

August 2016 - November 2018

- Analyzed the facility in conjunction with the students surveys, and decreased the number of students lost in dorms.

North American University *VIP program Coordinator*

August 2014 - August 2016

- Planned all programs and schedules for VIP visitors

EXTRA-CURRICULAR

HackHouston hackathon First Place

April 23, 2017

HackNAU hackathon Organizer

7-8 October 2017

HackRice CS Mentor

22-24 September 2017

NAU ACM Data Science lab leader

fall 2017 - Present

NAU Cybersecurity CTF Second Place

Spring 2017

NAU Future Leaders Club - Vice President

fall 2016 Present

NAU ACM - AI Lab Member

fall 2016 - fall 2017

Annual Newruz Festival Organizer

2016, 2017

Youth Development Center Volunteer Math teacher

September 2015 - July 2016

Sehit Fazil Yildirim High School Table Tennis Tournament First Place

2011