Adnan Can TURKAY

acturkay@gmail.com   canturkay.github.io   +1 224 249 93 89

EECS Junior with a passion for programming. Looking for a software engineering position focusing on machine learning and data science.

EDUCATION

Northwestern University, McCormick School of Engineering, Evanston, IL   Expected Graduation June 2021
B.S. in Computer Engineering, minor in Computer Science, minor in Data Science   GPA 3.35
Relevant Coursework: Object Oriented Programming, Data Structures, DBMS, Artificial Intelligence, Game Development

WORK EXPERIENCE

AI and Analytic Solutions Ass. Project Specialist, **Turkish Economy Bank,** Istanbul, Turkey   August 2019 - September 2019
- Developed various machine learning models using logistic regression, random forest, neural network and XGBoost for predicting the probability of default for a credit application.
- Built an auto-ML platform for automating processes such as data cleaning, outlier detection, model selection and training.

Full Stack Developer, **F+ Ventures – DUCKT,** Istanbul, Turkey   June 2019 - July 2019
- Prototyped the backend and the front-end for an e-scooter charging station. Developed an IOS and Android app for the users, Raspberry Pi for locking and charging the scooters at the stations, and a server on AWS for their communication.

Intern Engineer/Translator, **SHERPA - SANTOR Engineering,** Istanbul, Turkey   September 2018
- Programmed a script and a GUI in MATLAB to create a pdf report of the employees' performance, recorded in Excel spreadsheets and worked as an English – French translator during the meetings between SHERPA and Peugeot.

Intern Engineer, **FIGES Advanced Engineering Solutions**, Istanbul, Turkey   July 2018 – August 2018
- Created a physically realistic model of Toyota's hybrid C-HR in Simulink, using Stateflow and Simscape.
- Proved my model was %95 accurate by running tests on gas mileage and comparing it with the car's documentation data.

LEADERSHIP, CAMPUS INVOLVEMENT AND PROJECTS

Co-founder and Technical Leader, **hymn,** Evanston, IL   September 2018 – …
- Leading a team of 5 on the development processes of a music review and rating platform.
- Developing the back end of the website, as well as a music recommendation algorithm.

IE3 Technical Program Director & Hack Night Coordinator, **IEEE at Northwestern,** Evanston, IL   April 2019 – …
- Responsible for organizing the annual Project Showcase, hackathons and coordinating the project teams under IEEE.

Co-founder and Developer in a Startup, **Tagalong,** Evanston, IL   September 2018 – …
- Programmed IOS and Android app with React.Native, as well as the backend, aimed to help people stay safe on the street.
- Tagalong was awarded Best Underclassmen Project Award in IEEE Project Showcase 2019.

Software Developer, **Northwestern University Solar Car Team (NUSOLAR),** Evanston, IL   September 2017 – June 2018
- Collaborated with the Electrical Team's telemetry division for developing code for real-time monitoring of the solar car.

Project Manager, **PRESTO,** Evanston, IL   January 2018 – March 2018
- Prototyped an assistive device the workshop to create a product for my team's client.
- PRESTO received the communication award from Segal Design Institute.

Peer Mentor for Intro to AI Class, **Northwestern University EECS Department,** Evanston, IL   January 2018 – June 2019
Client Communication Executive, **MyHomePT,** Evanston, IL   April 2018 – June 2018

SKILLS

Programming Skills: Python, SQL, C#, C++
Software: Visual Studio, MATLAB, Autodesk Fusion 360, Microsoft Office, Unity, MySQL Workbench
Languages: Fluent in English, Turkish and French (DELF/DALF C1 Certificate)
Other Skills and Interests: 3D Design and Printing, Amateur Rocketry, Playing Piano and Playing Basketball