

# 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  
B.S. in Computer Science, B.S. in Computer Engineering, minor in Data Science

Expected Graduation June 2021  
CompSci GPA 3.88 – CompEng GPA 3.68

## WORK EXPERIENCE

*AI and Analytic Solutions Ass. Project Specialist, Turkish Economy Bank*

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, speeding up the machine learning model preparation process by more than 90%.

*Full Stack Developer, F+ Ventures – DUCKT*

June 2019 - July 2019

- Prototyped the backend and the frontend for an e-scooter charging station, expecting to decrease the recurring costs for shared micro-mobility companies by over 55%.
- 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*

September 2018

- Developed 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*

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*

September 2018 – Present

- Leading a team of 5 on the development processes of a music review and rating platform with over 1.5 million songs.
- Developing the backend of the website, as well as a music recommendation algorithm.

*Technical Director, IEEE at Northwestern*

April 2019 – Present

- Organizing the annual Project Showcase, hackathons and coordinating over 20 project teams under IEEE.

*Co-founder and Developer in a Startup, Tagalong*

September 2018 – Present

- Programmed iOS and Android app with React.Native, as well as the backend, aimed to help people stay safe on the street.

*Peer Mentor for Intro to AI Class, Northwestern University EECS Department*

January 2018 – June 2019

*Software Developer, Northwestern University Solar Car Team (NUSOLAR)*

September 2017 – June 2018

*Client Communication Executive, MyHomePT*

April 2018 – June 2018

*Project Manager, PRESTO*

January 2018 – March 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 (DELTA/DALF C1 Certificate)

**Other Skills and Interests:** 3D Design and Printing, Amateur Rocketry, Playing Piano and Playing Basketball

**Awards:** Won the Communication Award from Segal Design Institute for PRESTO, Best Underclassmen Project Award in IEEE Project Showcase 2019 for Tagalong, the Startup Estonia Competition in Izmir with DUCKT