Adnan Can TURKAY

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EDUCATION

Northwestern University, McCormick School of Engineering, Evanston, IL   Expected Graduation June 2021
B.S. in Computer Engineering, double major in Computer Science   GPA 3.35
- Coursework includes: Object Oriented Programming, Artificial Intelligence, Data Structures, Database Management Systems

WORK EXPERIENCE

Intern Engineer/Translator, **SHERPA - SANTOR Engineering,** Istanbul, Turkey   September 2018
- Coded a script and a GUI in MATLAB to create a pdf report of the employees' performance, recorded in Excel spreadsheets
- Increased productivity during the meetings between SHERPA and Peugeot (Groupe PSA) by saving more than %20 of the time by working as an English-French translator

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, after researching hybrid electric vehicles extensively
- Proved my model is %95 accurate trough verification and validation of the model by running tests on performance and comparing it with the car's documentation data, as well as with my own data from on the ground testing with the car

Intern Engineer, **Iletisim Yazilim Industrial Software Development**, Bursa, Turkey   August 2016 and July 2014
- Reduced hardware costs by as much as %30 by introducing the company to Raspberry Pi, which the company is still using
- Developed an automation software to draw and then cut geometrical shapes from sheet metal to use in cars

LEADERSHIP, CAMPUS INVOLVEMENT AND PROJECTS

IEEE Technical Program Director, **IEEE at Northwestern,** Evanston, IL   April 2019 – April 2020
- Responsible for leading and coordinating the project teams under Northwestern's IEEE, and for organizing the annual Project Showcase, hackathons and coordinating the project teams under IEEE

Peer Mentor for Intro to AI Class, **Northwestern University EECS Department,** Evanston, IL   January 2019 – June 2019
- Graded exams, debugged assignments and helped the students with course material during my office hours

Co-founder and Technical Leader of a Startup, **hymn,** Evanston, IL   September 2018 – …
- Leading a team of 9 on the development processes of a music review and rating platform
- Developing the backend of the website, which currently contains over 2 million songs, 200 thousand albums and 20 thousand artists, as well as a personalized music recommendation algorithm

Co-founder and Developer in a Startup, **Tagalong,** Evanston, IL   September 2018 – …
- Programmed IOS and Android app with React.Native, along with backend and server, with a team of 5
- Our mobile application, aimed to help people stay safe on the street while walking to their destination, won the Best Underclassmen Project Award in IEEE Project Showcase 2019, an annual competition among over 20 teams

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
- Improved my teamwork skills by working together with a group of 25 as well as my skills in Visual Basic, SQL and TCP

Client Communication Executive, **MyHomePT,** Evanston, IL   April 2018 – June 2018
- Carried out client communication on a an IOS app development project aiming to help our client with his physical therapy sessions and wrote a 70-page report for the project, gaining experience in IOS software development

Project Manager, **PRESTO,** Evanston, IL   January 2018 – March 2018
- Prototyped and tested in the workshop to create a product for my team's client, gaining experience in using mill and lathe machines and improved leadership skills
- Received the communication award from Segal Design Institute for our performance in communicating with the client

SKILLS

Programming Skills: Python, C#, C++, MATLAB, SQL
Software: Visual Studio, 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