Adnan Can TURKAY

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1820 Chicago Ave. Allison Hall RM 2030 Evanston, IL 60201-3984

EDUCATION

Northwestern University, McCormick School of Engineering, Evanston, IL Expected Graduation June 2021

B.S. in Computer Engineering, Minor in Computer Science

- Coursework includes: Object Oriented Programming, Data Structures, Assembly, Artificial Intelligence, Game Development, Control Systems, Signal Processing
- GPA: 3.47

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

Co-founder and Technical Leader of a Startup, **Hymn,** Evanston, IL September 2018 – …

- Working on a music review and rating website with a team of 5
- Developing the back-end of the website, as well as a music recommendation algorithm

Mobile App Development Team Member, **Northwestern University IEEE,** Evanston, IL September 2018 – …

- Learned IOS and Android app development with React.Native while working on a mobile application aimed to help people stay safe on the street while walking to their destination

Peer Mentor for Intro to AI Class, **Northwestern University EECS Department,** Evanston, IL January 2018 – …

- Graded exams, debugged assignments and helped the students with course material during my office hours

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 and gained experience in Visual Basic, SQL, CAN bus protocol and TCP protocol

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

Founder and Leader, **Robotics Club**, Istanbul, Turkey 2015 – 2016

- Established the robotics club and created a robot that removed waste from sea and came in third in a competition between

SKILLS

Programming Skills: Python, C#, C++, MATLAB (Simulink and Stateflow), Visual Basic

Software: Visual Studio, Autodesk Fusion 360, Microsoft Office, Unity

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