Cavit Çakır

contact

+49 176 32231832
Address: Munich
Nationality: Turkish
Gender: Male

cavitcakir3@gmail.com

/cavitcakir
/cavitcakir

languages

Turkish *native*
English *advanced*
German *basic*
Spanish *basic*

programming

Pytorch, Tensorflow, Numpy, React Native, React, Nodejs, mySQL, git, Docker

Activities

- Sabanci University:
  - Founder of Board Games Club
  - Board Member of Newcomers Club
  - Board Member of Outdoor Sports Club

Summary

Dynamic, creative, eager to learn AI engineer candidate master's student. Seeks to use state-of-the-art techniques and methods to develop models and solve problems. Did skin cancer classification and placed 3rd in Kaggle competition. Did NLP internship and NLP graduation project. Has hands on experience with Pytorch and Tensorflow. Currently taking object detection and tracking course. Looking forward to gain experience.

Education

2021- **Technical University of Munich** Munich/GERMANY
Masters's degree Informatics

2016-2021 **Sabancı University** Istanbul/TURKEY
Bachelor's degree Computer Science and Engineering
Partial Scholarship
Computer Science GPA: 3.78/4.0
Overall GPA: 3.29/4.0

2012-2016 **Izmir Private Turk Science High School** Izmir/TURKEY

Selected Projects & Research

2020-2021 **Graduation Project - Meeting Scheduler Chatbot**
Advisor: Reyyan Terzioglu, Duygu Karaoğlan Altop
- Used RASA Bot Framework to develop the chatbot.
- Used pretrained natural language understanding(NLU) methods to process user inputs.
- Designed and implemented website for chatbot by using React, Nodejs and Docker.

2021 **NFT Marketplace**
Blockchain: Security and Applications Course
- Developed smart contract(ERC721) for non-fungible tokens with Solidity.
- Developed website with React.

2020 **Lexicon and Rule-based Named Entity Recognition**
Natural Language Processing Course
- Collected and preprocessed Turkish and English tagged data.
- Written 25 regex expressions to catch entities.

2020 **Skin Cancer Classification**
Machine Learning Course
- Used CNN and Transfer Learning in order to help early diagnoses of skin cancer by the images of the skin segment
- Compared various machine learning methods that are suitable for this problem.

2019 **High Performance Computing Algorithms for the Hypergraph Partitioning Problem** *P*URE(Program for Undergraduate Research)
Advisor: Kamer Kaya
- Developed parallel algorithms with low-memory footprints for the hypergraph-partitioning problem.
- Implemented algorithms on multicore CPUs and manycore GPUs.

2019 **Predicting Spotify Top List by Country Based on Weather Project**
Intoduction to Data Science Course
- Designed and implemented machine learning techniques to predict if song will be in top list or not, based on weather for Introduction to Data Science Course Project.

2019 **Database Project for Colleges**
Database Systems Course
- Created database and website to store information of courses, students, instructors and classes in a college by using SQL and php.

Experience

July20 - Oct20 **Machine Learning(NLP) Intern** Istanbul/TURKEY
Supervisor: Alptekin Kupcu
FineSci Technology
- Worked in Classification and Clustering of News project.
- Used Neural Natural Language Learning methods and transfer learning.

Feb19 - Feb20 **Undergraduate Teaching Assistant** Istanbul/TURKEY
Instructors: Gulsen Demiroz, Duygu Karaoğlan Altop
Sabanci University
- Supported instructor with lab sessions for **Introduction to Computing** course. Used C++ as main programming language.
- Mentored students during office hours and through one-to-one tutorials.
- Conducted interactive discussions on a weekly basis with 20-30 students and assisted them in clarifying questions.

Jan18 - Feb18 **Market Analyst Intern** Izmir/TURKEY
Enisolar Energy
- Informed supervisors and company leaders on markets and regional sales needs to best meet customer needs and maximize revenue.
- Maximized advertising efforts by developing content for media relations, corporate communications and social media posts.

Jan17 - Jun17 **Civic Involvement Project** Istanbul/TURKEY
Sabanci University
- Project member for elementary school students development.
- Played some mind games and spent 2 hours a week with them.

References

Available upon request.