Mert Okten
(not finished)

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EDUCATION

Bachelor of Applied Science, Computer Engineering - University of Toronto (UofT) **Expected Graduation**

Minors: **Apr 2024**

- Artificial Intelligence Engineering
- Engineering Business
- Awarded Wallberg Admission Scholarship
    - to the six candidates with the highest average percentage in subjects prescribed for admission to the faculty.

SKILLS

Programming Languages: Python, C/C++, SQL, Matlab, HTML, CSS
Technologies: Git, JIRA

WORK EXPERIENCE

Ankara, Turkey

Junior Software Developper, Kuartis, Ankara, Turkey **Apr 2021 – Aug 2021**

- Engaged with a leading machine learning company known for developing large scale AI-driven computer vision solutions.
- Collaborated with teams on debugging various sub-modules: proprietary annotation tools, front-end, Docker-based backend services, CI/CD pipelines, and internal logging class in C/C++.
- Developed video data ingest and dataset database modules using Python; integrated functionalities such as video manipulation and database management with open-source tools like ffmpeg.
- Pioneered in designing state-of-the-art deep learning topologies for Traffic Sign Recognition achieving a test set mAP of 89.9%.

Intern, Eczacibasi Group IT Company, Istanbul, Turkey **August 2017**

- Organized weekly meetings using outlook, documented meeting notes and communicated all related people for one month
- Assisted to IT supervisor who was responsible with me to updated Ebiflow workflow system which is using Eczacibasi expense control system
    - Ensured time saving, less paper consumption and gained more easy system for the company
    - Developed myself to take initiatives and gained team work experience
- Entered new data to the online system and assisted to update the current archiving during my internship

TECHNICAL PROJECTS

Semejo UofT **Course Project**

- • Programmed with C++ with the GTK framework to implement a map system with features such as pathfinding and searching.
- • Implemented various optimizations for graph search based on Dijkstra's algorithm and increased the quality of result by 30%. • Reduced render time for OpenStreetMap data by 50% for faster user interface loading.

Dog Group Classifier (fixx) **Course Project**

- Gathered misclassified images of the groups for analysis
- Manually selected images for qualitative analyses
- Created and prepared qualitative analyses for presentation
- Authored the qualitative analyses section of the final report
- Wrote the ethical considerations section for the final report
- Conducted data processing, although implementation to the project was not achieved