

Faik Canberk Aydın

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Education

Feb 2017 - Dec 2018: Master of Data Science

Monash University, Caulfield Campus

- Under the International Merit Scholarship
- Research Thesis: Medical Multimodal Classification and Detection Under Small Data Conditions
- Graduated, WAM: 81.313/GPA: 3.625, H1 High Honours

Jan 2018 - Feb 2018: Statistical Machine Learning

Australian Mathematical Sciences Institute

Dec 2016:

Bachelor of Science, Mechanical Engineering

Bilkent University - Ankara, Turkey

Skills Summary

Technical Skills:

- Proficient in : Python, R, TensorFlow, PyTorch, Natural Language Processing, Deep Neural Network Architecture Design, Micro controller Programming (mostly worked with PIC), C + +, SQL, High Distinguished in Data Structures and Algorithms, MATLAB, Linux Shell, Tableau, Hadoop, Scala, Spark, JavaScript, reactjs, html/CSS

Project Management:

- Strong capacity to conduct independent research and strong analytic skills
 - Conducted research in order to produce a thesis which was awarded 'high distinguished research' from Monash University.
- Strong organisational skills and objective control
 - Demonstrated through founding of a company (BMT) and making it a success.
- Tenacity to work

- Proven through not leaving the musical theatre industry for 7 years.

Communication / Teamwork

- Excelling in group environments.
 - Proven via successfully working on two industry projects with a team of engineers at Roketsan and UMS.
- Clearly demonstrated expert communication and teamwork.
 - Working in the musical theatre industry for 7 years who's success is heavily dependent on communication and teamwork.
- Competent in taking initiative and leading a team.
 - Proven through founding a Musical Theatre Company and leading over 90 people for two years.

Employment History

Jan 2019 - Ongoing:

Big Data & AI Engineer (Full Time)

Telstra

Responsibilities

- NLP - ChatBot Modelling and Evaluation
- Experimentation on various LSTM models
- Working with very large unstructured datasets
- Creation and experimentation of word and context embeddings
- Crafting novel approaches to measure quality of unsupervised clustering

Feb 2018 - Jan 2019:

Data Scientist Grad (Part Time)

BlueRock

Responsibilities

- Predictive Modelling, Multivariate, Multi-seasonal Time Series
- Advanced Geospatial Analytics with R
- Machine Learning and Deep Learning business solutions for clients
- Supply and Demand Forecasting of services in a geospatial location
- Churn Analysis

Jun 2016 - Dec 2016:

Engineer, 6 month (Full Time)

Responsibilities

- CAD design contribution to the design team to develop a \$700 000 production line machine.

- Was able to experience the production cycle with experienced engineers.

Feb 2015 - Jun 2016:

R&D Control Engineer (Part Time)

ROKETSAN, Ankara

Responsibilities

- ROKETSAN is one of the biggest defence systems company in Turkey, specialising in missile design.
- Contributed to Roketsan's SMART WINGS project's avionic control division.
 - SMART WINGS are long range missile wings that adapt to the surroundings and change shape in order to save fuel and better accuracy
- Programmed microprocessors, (C ++)
- Engineering System Modeling (MATLAB, COMSOL)

Achievements

- Received a 10 000 TL grant from TUBITAK (The Scientific and Technological Research Council of Turkey) for my research.
- Received a \$ 25 000 grant for SMART WING research from Roketsan

Jan 2011 - Sep 2014:

Musical Theatre Vocalist, Orchestra Member

Company Musical Theatre, Ankara

Responsibilities

- Worked as a Vocalist performer for 5 Broadway musicals (over 60 shows).
- Worked as an Orchestra Member (Synthesizer) in one Broadway Musical (over 10 shows).

Sep 2014 - Mar 2015:

Musical Theatre Vocalist

Lemur Art, Ankara

Responsibilities

- Worked as a Vocalist performer for 1 Broadway musical (14 shows).

May 2015 - Jan 2017:

Founder, Director, Vocalist, Light Designer

BMT Musicals, Ankara

Responsibilities

- Founded BMT, a musical theater company.
 - Soul vision is to bring the people of Turkey Broadway shows.
 - Started with 6 people in 2015
 - BMT now operates with 98 active members, and puts on 3 shows every year.

- Worked as a Director for 2 Broadway Musicals,
- Vocalist for 3 Musicals,
- Light Designer for one Musical.

Referee

Dr.Gholamreza HAFFARI

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