Faik Canberk Aydın

Web - www.faikaydin.me

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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.
  - Created improvement within the business through novel means within Telstra.
- Strong organisational skills and objective control
  - Posted to assist the Victorian Government with COVID-19 response in very short amount of time.

- Demonstrated through founding of a Musical Theatre company (BMT - Turkey).

Communication / Teamwork

- Excelling in group environments.
  - Proven via successfully working in multi-functional teams in an Agile structure within a very large company.
- Clearly demonstrated expert communication and teamwork.
  - Created value via identifying areas of application and communicated clearly and collaborated across business functions within Telstra
- 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 (Transformer Networks)
- Working with internal and external stakeholders to understand business requirements
- Graph Learning and Social Network Analysis & applications of SNA in the industry.

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

<u>Responsibilities</u>

- 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)

<u>Achievements</u>

- 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

<u>Responsibilities</u>

- 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

<u>Responsibilities</u>

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

May 2015 – Jan 2017: **Founder, Director, Vocalist, Light Designer**

BMT Musicals, Ankara

<u>Responsibilities</u>

- 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.

<u>Referee</u>

Dr.Gholamreza HAFFARI

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