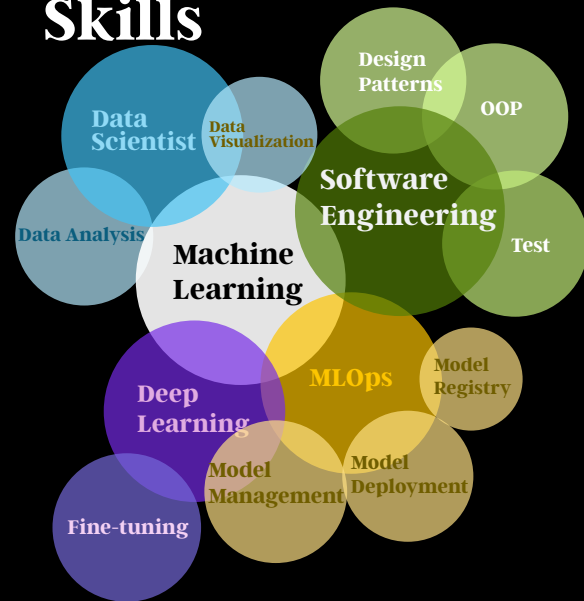


M. Bertan Ulusoy

Career Objective

A Computer Engineer with three years of self-study in artificial intelligence on 11 years of proven software developer skills. A practitioner who, with a passion for research, updates himself according to new technologies and algorithms, and transforms existing ones into daily practice.

Skills



Certificates

- 2021-12 Intro to Machine Learning(Kaggle)
- 2021-10 Supervised Learning with scikit-learn(DataCamp)
- 2020-02 Elements of AI(University of Helsinki)
- 2017-11 Neural Networks and Deep Learning(Coursera)
- 2018-04 Intermediate Python for Data Science(DataCamp)
- 2018-01 C++ Tutorial course(SoloLearn)
- 2018-01 Python Programming: Intermediate(Dataquest.io)
- 2017-12 Python Programming: Beginner(Dataquest.io)
- 2017-04 The Arduino Platform and C Programming(coursera)

Projects

- <https://github.com/bertanulusoy/PixelMuse>(completed)
 - Stable Diffusion for advertisement application
 - (Tech stacks: FastAPI, RabbitMQ, Redis, PyTorch, SQLAlchemy)
- <https://github.com/egeai/RoadGuardian>(in progress)
 - Real-time road analyzer mobile application
 - (Tech stacks: C++, Swift, Objective-C/C++, FastAPI, Scala, Kafka, Spark, PyTorch, YOLOv5)
- <https://github.com/egeai/deepsea>(in progress)
- <https://github.com/bertanulusoy/car-price-prediction>
- https://github.com/egeai/imcapt_coco(in progress)

(533) 779-70-26

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Education

Computer Engineering - Bachelor's Degree

Ahmet Yesevi University
10.2003 - 02.2008

Computer Technology & Programming - Associate's Degree

Bilkent University
09.1997 - 06.2002

Programming

Good: Python · Django · PyTorch · Numpy · Pandas · Scikit-learn
Tensorflow · Keras · SQL · PostgreSQL/MySQL · Docker · Flask
FastAPI · RabbitMQ · Redis

Medium: C/C++ · C# · Data Analysis · Matplotlib · MLFlow ·

Prefect · Weights & Biases · JavaScript

Work Experience

2020-11 UNATION

2022-01 Remote - Tampa Bay

Senior Solution Architect

- Prepared Time-Series Analysis to forecast of event creation density by endusers by using Numpy, Pandas, Matplotlib, Scikit-learn, Keras(LSTM) and Prophet
- Participated in architecture, design and implementation of back-end features using Ruby and Python with MongoDB

2019-11 DAS

2020-10 Ankara

Senior Software Engineer

- R&D project work was carried out on the personal data protection law
- The in-file discovery feature has been developed in targeted folders
- Image extractions were handled with OCR technology

2015-10 Onur Engineering

2019-03 Ankara

Senior Software Engineer

- IP based voice communication systems were developed and maintained
- Trained and mentored junior developers and engineers, teaching skills in Python/Django and working to improve overall team performance.
- Demonstrated experience and good hands-on programming experience Python, Django, NodeJS and BackboneJS.

2015-04 Ayder Tourism

2015-10 Ankara

Software Engineer

- Congress and organization registration web software was developed
- Demonstrated experience and good hands-on programming experience Ruby on Rails, Angular.

2013-07 Nanosens

2015-04 Ankara

Software Engineer

- A web-based project was developed where the performances of academics are presented; publications, articles, projects, citations
- A MicroNIR Sensor project was developed which was a JavaFX desktop project of summarizing the content of liquid substance
- Stored-Procedures SQL queries were developed in a relational database management system, SQL-Server Management Studio.

2011-11 Solvent

2013-05 Ankara

Software Engineer

- Within the scope of the hospital information management project, took part in Java and C# based projects, back-end architecture, design and implementation.
- Offered experience with Java, C#, JQuery, HTML, CSS, RequireJS, and KnockoutJS.

2009-09 Mega Industry Control Systems

2011-07 Ankara

Software Engineer

- Analysis, test, installation and implementation of software to be integrated into internal and external automation system using Microsoft .Net platform were applied.
- Participated in architecture, design and implementation of back-end features using C#, Sql-Server Management Studio

Languages

Turkish - Mother Tongue

English - Upper Intermediate

Hobbies

Playing Drum

Drawing