

Uğur Özcan

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Social and Programming Accounts

- Github address : <https://github.com/uozcan12>
- Bitbucket address : <https://bitbucket.org/uozcan12/>
- Wordpress address : <https://ugurunguncesi.wordpress.com/>
- Kaggle address : <https://www.kaggle.com/uozcan12>
- Medium address : <https://medium.com/@ugurozcan108>
- Hackerrank address : <https://www.hackerrank.com/uozcan12>
- StackOverflow address : <https://stackoverflow.com/users/5226470/uozcan12>

Work Experience & Internships

01/2023 - ...	Huawei <i>Data Engineer</i>	Remote, Turkey
	<ul style="list-style-type: none">○ Petal Search Project: Oversaw box maintenance, including the addition of new content providers, and addressed bug fixes to ensure optimal functionality.○ Data Image Collection Project: Spearheaded the acquisition of diverse image datasets across numerous categories by establishing and managing virtual machines (VMs) and containers for efficient data collection.○ NLP Chat Text Project: Orchestrated the aggregation of textual data across various categories aligned with our flower data template to support natural language processing initiatives.○ Inner Team Projects : Led the development of Text Preprocessing Tool, Common Crawler v1.0, and Common Analyzer v1.0, enhancing team efficiency and workflow.○ LLM Project: Directed the gathering of textual data spanning SFT sections such as Text Summarization, Reading Comprehension, and Brainstorming. Additionally, conducted prompt engineering for GPT3.5 and GPT4.○ Data Crawling Projects Management: Managed the extraction of textual data from targeted websites and oversaw the coordination of associated projects for efficient data collection and processing.○ Codebase Review/Update and Repository Management: Implemented effective codebase review and update processes to ensure code quality and consistency within the team. Managed the health and organization of team repositories to facilitate seamless collaboration and version control.	
11/2022 - 01/2023	Quick and Quality Coding Soft <i>Software Engineer</i>	Remote, Turkey
	<ul style="list-style-type: none">○ Online Medical Doctor Notes Analysis Project via NLP: <i>Python, OpenAI, HuggingFace</i>○ Data Visualization Tool: <i>ThreeJS</i>	
06/2022 - 11/2022	Osoci <i>Backend Developer</i>	İstanbul, Turkey
	<ul style="list-style-type: none">○ Online Media Stream Service Backend Site: <i>Janus, NestJS</i>○ Platform Database and Program Infrastructure: <i>Docker, Docker Compose, MongoDB</i>○ Maintenance Software Healthy Check Platform : <i>Grafana</i>○ Research and Develop Media Stream Services: <i>Janus, Ant Media Server</i>○ Develop and Configure CI/CD Platform: <i>Jenkins</i>	
06/2019 - 06/2022	Fited <i>Software Engineer, Shareholder</i>	İzmir, Turkey
	<ul style="list-style-type: none">○ 3D Scoliosis Brace Design and Development Platform : <i>ThreeJS</i>○ 3B Scoliosis Brace Design and Development Platform Database and Program Infrastructure, Google Cloud Technology(GCP): <i>Google Datastore/Google Storage/App Engine/Compute Engine/ Firebase</i>○ Creating Design and Software Testing Platform : <i>Selenium, ThreeJS Test Tool</i>	

- Develop m3dl and cm3dl File Structure: *Mathematical Equations*
 - Develop Web Interface: *Flask*
 - Develop CI/CD Platform: *Jenkins*
 - Reverse Engineering on Grasshopper/Rhinoceros7: *NURBS Python, rw3dm, rhino3dm, compute-rhino3d libraries*
 - Responsible For Other Full-Stack Requirements *Brace Order Form, etc.*
- 10/2017 - 06/2018 **IZTECH Computer Engineering Department-CSIGB Research Group** **İzmir, Turkey**
Msc. Student, Software Engineer
- Automated Latent Fingerprint Recognition From Crime Scenes Project(TUBİTAK 1001)
 - Generate Random Fingerprints and Analysis Them On A Program(AFIS- Automated Finger-print Identification System)
 - Provide Biometric Databases From Related Universities and Departments
 - Research on Other Biometric Topics: *Face Recognition, Iris Recognition, Gait Recognition*
 - Develop Computer Vision and Deep Learning Models and Algorithms: *PyTorch, Keras, Tensorflow, OpenCV*
 - CSIGB website: <https://csigb.kiye.edu.tr/people/>
- 06/2016 - 09/2016 **Radboud University** **Nijmegen, Netherlands**
Erasmus Internship Programme
- Relevancer Project: Dashboard and Develop Content In Project
 - Create Classification and Cluster Algorithms on ru.nl server
 - Analyze Tweet Data(over 1 GB User Data) On Specific Topics: *Genocide, Vaccination, etc.*
 - Responsible For Database: *MongoDB*
 - Responsible For API: *Flask API, Eve API*
 - Relevancer website: relevancer.science.ru.nl/about
 - Relevancer bitbucket: <https://bitbucket.org/hurrial/relevancer/commits>
- 06/2015 - 08/2015 **Computer Engineering Department** **Muğla, Turkey**
Internship
- Ubuntu 12.04
 - Database Encryption, Privacy Tool: *CryptDB*
 - GUI design: *Netbeans*.

Skills, Qualifications & Interests

Programming Languages and Tools:

- Familiar with *Java, Python, Haskell, Javascript, Perl*, and *R*.
- Beginner Level: *C, C++, MATLAB*.

Database Skills:

- Familiar with *MongoDB, PostgreSQL, MySQL*.

Web Skills:

- Familiar with *HTML5, CSS3, NodeJS, NestJS, VueJS, Web2py, Django, Flask, Eve, FastAPI*.

CMS Skills:

- Familiar with *Joomla, Wordpress*.

Graphic Design:

- Familiar with *Adobe Photoshop CS5, GIMP, Rhino7, Grasshopper*.

Machine Learning, Deep Learning and Data Analysis:

- Familiar with *Keras, Tensorflow, PyTorch, NumPy, SciPy, ScikitLearn, Tableau, Pandas*.

Other Computer Skills::

- Familiar with *Linux, Ubuntu, LaTex, WEKA, Swing, Docker, Docker Compose, Heroku*.
- Familiar with *Time Series Forecasting - Analysis: Exponential Smoothing, Holt-Winters, ARIMA, MAPA(R Programming)*.
- Specific Project On Pandemic : uai-covid19-tur.herokuapp.com/.