

+905306060041
Ankara, Turkey
gunkaynar@gmail.com

Gün Kaynar

Machine Learning Engineer / Bioinformatician

Website
GitHub: gunkaynar
LinkedIn: gunkaynar

I am looking to work as a freelancer on Machine Learning and Data Science.

EDUCATION

Master of Science in Computer Engineering , <i>Bilkent University, Ankara, Turkey</i>	2021
Bachelor of Science in Molecular Biology and Genetics , <i>Boğaziçi University, Istanbul, Turkey</i>	2015 — 2021
Exchange / Biology , <i>Universitat de Barcelona, Barcelona, Spain</i>	2019 — 2020
High School / Science and Math , <i>Izmir Atatürk Lisesi, Izmir, Turkey</i>	2011 — 2015

TECHNICAL EXPERIENCE

Research Assistant / Supervisor: A. Ercüment Çiçek, PhD **September 2021 — Present**
Bilkent University, Ciceklab *Ankara, Turkey*

- Survival prediction models for glioma patients are being developed using HRMAS NMR spectra.
- Deep Networks for quantifying metabolites in brain tissue samples using HRMAS NMR spectrum were developed.
- Random Forest models were used to classify brain tumors as benign, malignant or control using quantified metabolite concentrations.

JavaScript React Trainee / Bootcamp **June 2021 — August 2021**
Innovance Consultancy *Istanbul, Turkey*

- I completed 3 months of JavaScript and React Bootcamp successfully.

Research Intern / Supervisor: A. Ercüment Çiçek, PhD **September 2019 — January 2020**
Bilkent University, Ciceklab *Ankara, Turkey*

- I developed a very efficient gene name converter algorithm and its database.
[Nomind Tool Website](#)

Computational Biologist / Supervisor: Mark Chance, PhD and Sean Maxwell **August 2018 — September 2018**
Case Western Reserve University, Center for Proteomics and Bioinformatics *Cleveland, Ohio, US*

- I developed a python program for identifying and comparing phosphorylation sites of human and mouse proteins and a secure database for the tool.
[Phosphorylator Tool Website](#)

TEACHING

CS 115, Introduction to Programming in Python, Bilkent University	Spring 2021-2022
CS 115, Introduction to Programming in Python, Bilkent University	Fall 2021-2022
Latin Dance, Boğaziçi University	Summer 2018-2019
Latin Dance, Boğaziçi University	Fall 2019-2020

SKILLS

Machine Learning	PyTorch, TensorFlow, scikit-learn, scikit-survival, NumPy, Pandas, Matplotlib
Programming	Python, C++, JavaScript, Django, Flask, Linux, GIT, HTML, CSS
Analytics	R, Spreadsheet, SQL, Tableau
Laboratory	Bioinformatics, Biostatistics, Genetics, Molecular Biology, Genomics, Neuroscience
Communication	English(C2), Spanish(B2), Turkish(native)
Extracurricular	International Ballroom/Latin Dances, Dance Instruction, Lead Guitar

TRAINING AND CERTIFICATES

Deep Learning Specialization, DeepLearning.ai	April 2022
Sequence Models, DeepLearning.ai	April 2022
Convolutional Neural Networks, DeepLearning.ai	February 2022
Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization, DeepLearning.ai	December 2021
Structuring Machine Learning Projects, DeepLearning.ai	December 2021
Neural Networks and Deep Learning, DeepLearning.ai	November 2021
Machine Learning, Stanford University	October 2021
HiCOMB 2021 Workshop, 20th IEEE International Workshop on High Performance Computational Biology	May 2021
Introduction to Computational Thinking and Data Science, Massachusetts Institute of Technology	October 2018
Introduction to Computer Science and Programming Using Python, Massachusetts Institute of Technology	August 2018
Machine Learning and Bioinformatics Workshop, Boğaziçi University	July 2018
Computer Science 101, Stanford University	May 2018