**Mohamed Boghdaday**

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[https://www.kaggle.com/mohamedboghdadyy/code /](https://www.kaggle.com/mohamedboghdadyy/code%20/) <https://www.linkedin.com/in/mohamed-boghdady-b50003227/>

**SKILLS**  
**[Hard skills] [Soft skills]**

* Python programming
* Anaconda (jupyter Notebooks, jupyter labs, and Spyder)
* Deep learning (Neural Network and PyTorch)
* NumPy, Pandas and Matplotlib
* Linear algebra and Calculus for deep learning

**AWARDS**

* Won a Full Scholarship for 4-month Nanodegree in AI Programming with Python sponsored by **AWS** and **Intel** from Udacity
* Completed coursework in Python, Linear Algebra, Calculus, and Deep Learning
* Pursuing Full Scholarship for 4-month **Advanced** Nanodegree in Machine Learning Fundamentals (expected completion: Sept. 2023)
* Acquired coursework: **AutoGluon**, Deep Learning, **CNN**, ML Workflows, and **AWS**

**VOLUNTEER WORK**

* + - Volunteered as a HR for full Java course presented at IEEE SHA SE 6 2022.
* Conducted weekly check-ins with 10+ interns, providing guidance and support that led to a 30% increase in project completion rates.
* Volunteered as an instructor for biomedical engineering course at IEEE SHA SE 6 2022
  + offered valuable insights into how software and biomedical engineering are interrelated
  + provided 80% of the participating students with a deeper understanding of the course’s topics

**Projects:**

* Classified MNIST dataset using deep learning techniques with accuracy above 96%
* Classified images of flowers according to their genus using PyTorch with accuracy 79%
* Classified hand gestures depending on EMG signals data using AutoGluon with accuracy 97%

**EDUCATION**

University of the People | Online

B.S. in Computer Science | Expected Degree, 2024

Prominent Coursework: Data Mining and Machine Learning, Introduction to Statistics, Calculus

Honors: Honor’s List: maintained a cumulative GPA of 3.00 — 3.49.

University of WorldCount | Online

Applied Data Science Lab | Expected Diploma ,2023

Projects completed: predicting house prizes in Mexico, forecasting house prizes in Buenos Aires