
AHMED H. ELSHEIKH

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ML/NLP Engineer

Summary

Full-time Artificial Intelligence and Robotics Masters student graduating in Jan 2022, 3+ years research and implementation experience in machine learning (ML) and deep learning (DL), and in my spare time I used to develop multiple WordPress & Shopify websites.

Strong Background in DNN, RNNs (LSTM), CNNs, GANs, and experimental experience using multiple python packages like PyTorch, TensorFlow with Numpy, Pandas, Scikit Learn, Matplot lib, Seaborn. Familiar with GPU CUDA programming.

Work experience

Jun 2021 - Oct 2021	NLP Engineer Internship <i>Outmind</i> <ul style="list-style-type: none">- Improving semantic search engine (using ES)- clustering of existing data and new documents- scraping the web for textual data
Sep 2020 - Present	Cofounder (CTO) - Website development <i>ChiChi Wear</i> <ul style="list-style-type: none">- Developed & maintaining ChiChi e-commerce website - chichiwear.com. LCP of 2.1 s, 5000+ Visitors/month
Mar 2019 - Aug 2019	Machine Learning Engineer (Internship) <i>AI Launchpad - Lyra</i> <p>Time series forecasting (Sales, Risk, Churn). Sentiment Analysis</p>
Apr 2018 - Mar 2019	Backend & Web Developer (Remote Part time) <i>Bucket</i> <p>Built & Maintained backend for iOS & Android mobile apps, and Admin Panel using C#, T-SQL, Asp.net</p>
Jul 2018 - Sep 2019	Full Stack Web developer (Remote Part time) <i>Talents Arena</i> <ul style="list-style-type: none">- Developed & Maintained hiring platform as well as company's Web-app for company
Jul 2017 - Jun 2018	Software Engineer (Full time) <i>ECS - SAP Gold Partner</i> <ul style="list-style-type: none">- Developed & Maintained HR Portal (AFREXIM Bank) using JS, HTML5, CSS3, Bootstrap 4, Java EE- Developed & Maintained Online Cafeteria System (TBTD-Egypt) using Java EE, SAP UI5, JS, T-SQL- Developed an Online Chatting Platform (demo) using M.E.A.N Stack- Revamped POS v2.0 (El Ezabi Pharmacies) using C#, T-SQL- Developed a multi-factor Authentication System using Python- Developed a Statistics Analysis Desktop app using C#- Developed a System to Export & Send employees attendance sheet using C#- Developed a Notification System for Lunch Ordering using C#, HTML, CSS, JS- Developed a scheduled task uploads files every 24hrs using C#, SFTP. And couple of other Services

- Feb 2017 - May 2017 Junior Teaching Assistant (Full Time)
The German University in Cairo
Web Design & Development, Arduino & Computer Vision (30 students in class, was teaching 4 classes)
- Feb 2016 - Jan 2017 Junior Researcher
Atratronics Lab GUC
- Design of Skid Steering AWD mobile using SolidWorks, modeling using C (Arduino), controlling using PID, Matlab, LabView.
- Detection & Recognition of Hand Gestures using Matlab

Education

- 2018 - 2021 Artificial Intelligence and Robotics
La Sapienza Università Di Roma, Rome, Italy
Very good overall GPA
The first author of EMNLP 2021 Publication with the title: Exploiting the Global WordNet Graph in Neural Word Sense Disambiguation by Integrating Personalized PageRank
- 2012 - 2017 Mechatronics Bachelor Degree
The German University in Cairo (GUC), Cairo, Egypt
B+ overall GPA, A+ Bachelor GPA

Languages

Arabic

Mother tongue

English

Professional Working Fluent (Speaking, writing)

Italian

Beginner (A1)

Skills

Shell Script

Python 3

3 years of experience coding all of the projects during Masters, and Outmind internship

Numpy , Pandas, Scikit-learn, matplob lib, Seaborn

PyTorch

Used to develop all NLP projects e.g. NER, SRL, WSD, XNLI

ElasticSearch

Used to develop clustering algorithm based on textual similarity, and semantic search engine during Outmind's internship

Dash

Used to develop dashboards with different types of charts

Skills

Bachata Dancing

Poem Writing

Pottery