AHMED KHALID ALGOGANDI

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PERSONAL SUMMARY

- A committed lecturer at a leading Saudi university, responsible of teaching students from various social and cultural backgrounds.
- I want to develop innovative solutions to preform humanly difficult tasks based on AI tools.
- Possessing excellent administrative, verbal communication and written skills along with constructive and effective teaching methods that promote a stimulating learning environment.
- Able to work as part of team and having the proven ability to successfully work to tight schedules and deadlines.

Work Experience

Computer Science Lecturer– University of Prince Mugrin September 2020 – Present

Delivering lectures to groups of students and using advanced teaching techniques to inspire and motivate them for higher level qualifications and then employment.

- Organized, implemented, and monitored students' performance and assessments.
- Assigning and evaluating students' work including exams and written assignments
- Responsible for preparing learning materials for courses and devising relevant practical activities.
- Perform other duties assigned by the head of department or the dean of the college of Computer and Cyber Sciences.
- Providing weekly office-hours consultation outside of class
- Providing academic advising to students

EDUCATION

Master of Science – Information Technology

University of St. Thomas, Minneapolis USA (GPA: 3.6/4)
February 2018 - December 2019

Bachelor of Information Systems

University of St. Thomas, Minneapolis USA
February 2014 - December 2017

SKILLS AND INTRESTS

- Experience in the widely used supervised and unsupervised machine learning algorithms used in industry in technical depth, with the ability to evaluate effectiveness and avoid common pitfalls in applying machine learning to a given problem.
- Proven ability to work creatively and analytically in a problem-solving environment
- Strong organizational and multi-tasking skills
- Excellent leadership, communication (written and oral) and interpersonal skills
- Demonstrated teamwork and collaboration in a professional setting

Additional Training & certifications:

- Computer Vision Nanodegree Program, Udacity
- Natural Language Processing Nanodegree, Udacity
- Deep Learning Nanodegree, Udacity
- Blockchain Developer Nanodegree, Udacity
- AWS Cloud Practitioner, Amazon Web Services
- Learning AWS CloudFormation, LinkedIn
- Artificial Intelligence for Project Managers, The Project Management Institute
- Artificial Intelligence Foundations: Thinking Machines, LinkedIn

SELECTED PROJECTS:

These are only few examples of my projects; please visit my GitHub page to see all of my projects.

Facial Keypoint Detection

- Build a facial keypoint detection system. Facial keypoints include points around the eyes, nose, and mouth on a face and are used in many applications.
- The code can look at any image, detect faces, and predict the locations of facial keypoints on each face.

Landmark Detection & Tracking (SLAM)

- implement SLAM (Simultaneous Localization and Mapping) for a 2-dimensional world
- Combined robotic sensor measurements and movement to create a map of an environment from only sensor and motion data gathered by a robot, over time

Decentralized Property Listing Application – Blockchain Developer Nanodegree

- Build a decentralized property listing application using blockchain technology.
- Successfully implemented ZoKrates to verify the users on a blockchain.
- List properties on a decentralized marketplace using OpenSea**.**

Connect Private Blockchain to Front-End Client via APIs - Blockchain Developer Nanodegree

- Build a RESTful API using a Node.js framework that will interfaces with a private blockchain.
- Successfully configured an API for a private blockchain, to expose functionality that can be consumed by several types of web clients ranging from desktop, mobile, and IoT devices

Supervised Machine Learning Models

- Build an algorithm to best identify potential customers, and reduce overhead cost of finding them manually.
- Optimized the supervised machine learning models, and increased their accuracy up to 85%