Ibrahim Alshubaily

Education

Master of Science, Computer Science - Artificial Intelligence, 12/2019

King Abdullah University Of Science And Technology

- Graduated with Honors — 3.7+ GPA (Degree) (Transcript)

Bachelor of Science, Computer Science, 05/2018

University Of Washington

- Graduated on the Dean's List — 3.7 GPA (Degree) (Transcript)

Work Experience

Data Scientist Intern, 02/2020 to 05/2020

NEOM - NEOM City

- Studied extensively in machine learning engineering and design, specializing in automation.
- Developed technology that leverage artificial intelligence, to help farmers improve their agricultural practices, in order to improve productivity and sustainability.
- Gathered and modeled Satellite data to identify location and type of more than 3000 farms located in NEOM.
- Gathered and analyzed data from multiple sources, and presented results to help inform the decision making process.

Teacher Assistant, 08/2017 to 05/2018

University Of Washington - Tacoma, WA

- Facilitated workshops in software development to reinforce academic and practical concepts.
- Tutored students individually and in small groups to help solve assigned projects.
- Created worksheets and helped students solve them to supplement course material.

On Average Students who attended workshops scored %10 higher in the software development course.

Contact

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Github: Link

Skills

- Machine Learning
- Software Development
- Data Mining and Visualization
- Mobile Application Development (iOS, Android)
- Teamwork / Collaboration
- Written / Verbal Communication
- Object Oriented Programming
- Deep Learning (Tensorflow, Pytorh)
- Python, R, Java, C/C++ (Code)

Research Projects

- **Neural Architecture Search:**

Expedited the search process by %30 without loss in accuracy, by employing performance prediction and early termination. (Paper)

- **Facebook User Profiling:**

Predicted user age, gender, and personality traits based on user posts and likes with %86 accuracy.

- **Arabic Text Summarization via Transfer Learning:**

Improved state of art model accuracy for Arabic Text Summarization by %1.6, by leveraging pretrained models and deep reinforcement learning. (Poster)

- **TextCNN with Attention for Text Classification:**

Combined two existing text classification techniques to achieve state of the art text classification accuracy , and designed an Algorithm (*Word Rank*) to reduce parameters of proposed model by 5x with a very small loss in accuracy (Paper)