

# Nouran Bakry

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## Experience

 **Novomind** - Alexandria, Egypt

September 2019 - May 2020

Software Engineer (Backend), iMARKET

Developing iMARKET backend and automating marketplaces integration with brands.

 **Novomind** - Alexandria, Egypt

February 2019 - April 2019

Artificial Intelligence Intern, Research and Development

Researched the use of multi-label classification on a categorization bot. Performed training of several models and achieved an accuracy of 75%.

**Alexandria University** - Alexandria, Egypt

August 2018

Research Intern

Worked on various projects including developing a book recommendation system using Amazon's data set.

## Education

**Alexandria University, Faculty of Engineering**

June 2019

BSc., Major in Computer Engineering and Minor in Electrical Engineering

## Courses

Artificial Intelligence - edX, Complete Web Developed Zero to Mastery - Udacity,

Machine Learning - Coursera

## Projects

**Generating Images From Captions**

Researched generating images from text, trained several generative adversarial networks, best results were obtained by a pytorch HDGAN model trained and tested on birds caltech and flowers oxford datasets on AWS EC2

**Reliable Data Transfer**

Simulated UDP/IP protocol in Python with correct transfer of datagrams.

**Nine and three quarters Social networking site**

Developed a Hogwarts themed social networking site in PHP.

**Compiler**

Designed a syntax directed scheme, integrated a lexical analyzer and LL1 parser that converts Java into bytecode in Java.

**Eight Puzzle Solver**

Developed an eight puzzle solver in Python that uses BFS, DFS and A\* search algorithms.

## Skills

Java, Python, C/C++, JavaScript, SQL, Ruby, PHP

React, Redux, Node.js, Express.js, MongoDB, Oracle, JPA/Hibernate, Laravel

Algorithms, Problem Solving, Data Structures, Object Oriented Programming, Functional Programming,

Imperative Programming, Machine Learning, Artificial Intelligence, Deep Learning, Source Control,

Operating Systems, Linux