

# Arian Azin

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## EDUCATION

### UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

MS IN COMPUTER SCIENCE

GPA: 3.7/4.0

May 2018 | Champaign, IL

### UNIVERSITY OF TEHRAN

BSc IN COMPUTER SCIENCE/IT

Jul 2014 | Tehran, Iran

## COURSEWORK

### GRADUATE

Introduction to Data Science

Data Visualization

Advanced Data Analytics

Data Mining

Information Modeling

Distributed Systems

Natural Language Processing

Statistical Learning

Data Cleaning

### UNDERGRADUATE

Data Structures

Operating Systems

Artificial Intelligence

Computer Networks

Database Design

(Teaching Asst)

Formal Languages and Automata

Computer Networking Lab

Cloud Computing Applications

Data Cleaning

## SKILLS

Proficient:

Java • C • C++ • SQL • Unix

Familiar:

R • Python • SAS • Pandas

Hadoop • MATLAB • OpenRefine

MySQL • PostgreSQL • Neo4j

Cassandra • CQL

Bash scripting • Weka

JavaScript • CSS

## EXPERIENCE

### SIGNIFYD

DATA SCIENTIST

Apr 2019 - Oct 2019

- Detected and Analyzed data loss across nodes in several distributed systems
- Building machine learning models to protect against fraud
- Analyzing model behaviour on merchants' transactions

### YAHOO

DATA SCIENTIST

Apr 2018 - Feb 2019

- Using machine learning and data analysis to target customer segments
- Analyzing customer behavior and providing insight for Yahoo advertisers
- Working on systems of product category classification

### CAPITAL ONE

SOFTWARE ENGINEERING INTERN

Feb 2017 - Jul 2017

- Worked in a **team** and **created** a system to detect the most skilled people in all programming languages across the company
- The system stores 2.5 GB of data and **has a response time of less than 1 second**.
- The system **was used by the managers** looking for experts across the company

### AFRANET

DATA ANALYST

Sep 2014 - June 2016

- Worked for one of Iran's major Internet and Bandwidth providers. Analyzed and visualized company's different datasets with the goal of increasing customer satisfaction and finding potential areas of growth and weakness. Used SQL, Python visualization packages (matplotlib), and some Excel.

## SELECTED PROJECTS (ON GITHUB)

- **Exploratory Analysis** of Champaign-Urbana public transportation service
- Created a **search engine** of indexed documents and pages.
- Cloud Optimization: Applied **metaheuristic optimization algorithms** to determine the (sub)optimal allocation of cloud resources to incoming requests.

## ACTIVITIES AND AWARDS

2019 AWS Solutions Associate Architect

2016 Volunteer for **UIUC Research Park's Big Data Summit**

## LINKS

GitHub: **ariansacct**

LinkedIn: **arian-azin**