

# 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

### CAPITAL ONE

SOFTWARE ENGINEER

Apr 2019 - Present

- Developing and maintaining Capital One systems to support Small Business customers
- Developing rules to detect fraudulent transactions in coordination with the product owners
- Optimizing machine learning models to protect against check fraud

### 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

SOFTWARE DEVELOPER

Sep 2014 - June 2016

- Worked as a Java developer for one of Iran's major Internet and Bandwidth providers.

## 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**