Mustafa Shikora

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Summary

Current Software Development Engineer in Amazon.com in the Prime Video organization. Working as a member of the Amazon Video Catalog, Vending team. Strong technical skills in Java and front-end web development, advanced leadership and networking skills through executive positions and internship experiences. Looking for experiences in back end Java with full ownership of projects with high level design. Certified in Deep Learning through Udacity and currently enrolled in Amazon's Machine Learning University.

Work Experience

Amazon.com – Seattle, WA   **September 2017 – Present**
Software Development Engineer in Prime Video, Catalog Vending

- Research, design, and implement highly scalable and available applications for vending catalog data to the supported devices for Prime Video.
- Provide operational support with full grasp of system requirements and limits. On-call every 2 months and able to handle all situations to maintain highly available systems.
- Well versed in design approaches and experienced in project management, scoping, and technical depth for creating high level architectures for large scaled systems.
- Enrolled in Amazon's Machine Learning University, learning useful data manipulation algorithms, data visualization techniques and the application of ML in Amazon's organizations.
- Using Java, Groovy, Datapath, Git, Python

Amazon.com – Seattle, WA   **February 2017 – September 2017**
Software Development Engineer in Amazon Instant Video, Locale Management

- Helping create a new process to recommend UX Language for the Amazon Video platform
- Researching, designing, and implementing 2 services with multiple APIs to select the preferred language for a customer and a device
- Using Java, Google Guice, DynamoDB, Git

Internships

CME Group – Chicago, IL
Software Engineer on Project UNO (Summer 2016)

- Designed dynamic webpages using AngularJS, jQuery, HTML5, etc. with support from JRebel in IntelliJ
- Developed backend calls in Java to efficiently display data in such webpages

Student IT Intern on the CARDS Team (Summer 2014)

- Created a program that read, analyzed and compared PDF's to check equality and return differences between the documents
- Learned Maven Apache and repositories
- Studied about futures, options, and commodities trading

Projects

HackIllinois   **February 2016**

- Developed an iOS app during the University of Illinois Hackathon with other computer science majors
- Responsible for website that helps doctors enter patient information, managing FireBase backend, and link to website and iOS app.
- 2nd place winner for Intelligent Medical Object's Best Use of IMO API for big data and/or Healthcare Software Innovation

Project Jaguar (CME Group CodeUp)   **July 2016**

- Pioneered a configurable chat-bot to answer easy questions for CME Customer Support, cutting man-hours spent on repeat questions
- 1st place winner for CME Group CodeUp

Education

University of Illinois Urbana-Champaign – Applied Mathematics, Minor in Computer Science   **December 2016**

Computer Science Classes: CS 233 Computer Architecture, CS 225 Data Structures, CS 418 Interactive Computer Graphics, CS 450 Numerical Analysis, CS 440 Artificial Intelligence, CS 413 Intro to Combinatorics

Mathematics Classes: MATH 461 Probability Theory, MATH 441 Differential Equations, MATH 416 Abstract Linear Algebra, MATH 446 Complex Variables, MATH 347 Fundamental Mathematics

Leadership and honors: Vice President of Service Internal - Alpha Phi Omega Service Fraternity   **May 2016 – December 2016**

Udacity - Deep Learning Nanodegree

Learned various Machine Learning and Deep Learning concepts such as Convolutional Neural Networks, Recurrent Neural Networks, and Generative Adversarial Networks.

Applied all theoretical work into various projects involving image recognition and analysis, drone stabilization, skin cancer detection, etc.

https://confirm.udacity.com/CXHDTCLF