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 Locale Management 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 full stack development, machine learning, and artificial intelligence.

Education

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

Graduation Date: 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

Skills

- Java
- Python
- HTML
- JavaScript
- AngularJS

- C++
- SQL
- DynamoDB
- Interface design
- Object Oriented Design

- Project Management
- Agile Development
- Technical Documentation
- API design
- Scalability optimization

Work Experience

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

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

Calamos Investments – Naperville, Illinois   **May – August 2015**

Collaborated on a project to transport an inefficient layout of databases and web apps
Designed a new method that helps the Client Relationship Management team keep better track of all the client accounts

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

Leadership/Honors: University of Illinois

Vice President of Service Internal - Alpha Phi Omega Service Fraternity   **May 2016 – December 2016**
Kinetic Leadership Award – Alpha Phi Omega Service Fraternity   **February 2014**