

Ajmal Khan

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EDUCATION

UNIVERSITY OF TEXAS AT AUSTIN

BS IN COMPUTER SCIENCE

Class of 2017

College of Natural Sciences

LINKS

LinkedIn:

www.linkedin.com/in/ajrator

GitHub:

www.github.com/ajrator

SKILLS

PROGRAMMING

Proficient:

Java • Python

JavaScript • MATLAB

Competent:

Perl • Swift • C • SQL

Familiar:

PHP • Scala • Assembly

C++ • C# • Ruby

TECHNOLOGIES

Cloud Services:

Amazon Web Services • Google

Cloud Platform • Firebase

Testing:

JUnit • Selenium

Mockito

Machine Learning Frameworks:

TensorFlow • Scikit-learn

Container Services:

Docker

Continuous Integration:

Travis CI • Jenkins CI

AWS CodePipeline

JavaScript Libraries & Frameworks:

NodeJS • ExpressJS

React • Redux • Jest

JQuery • Mocha • Chai

Miscellaneous:

Spring • Maven

Apache Tomcat • MongoDB

JavaServer Pages • AuroraDB

EXPERIENCE

AMAZON | SOFTWARE DEVELOPMENT ENGINEER II

Aug 2017 - Present | Seattle, WA

- Designed and implemented post-offer customer feedback component to improve prospective offer experiences
- Reduced map provider costs to business by 90% by migrating to Bing Maps from Google Maps
- Engineered system to store customer location data from W3C Navigator using AWS Lambda, DynamoDB, CloudWatch, Kinesis, and Redshift
- Reduced time-to-production by 17% by implementing JavaServer Page unit testing allowing pipelines to achieve full continuous deployment
- Utilized Java, JavaScript, Spring Boot, JUnit, Mockito, Apache Tomcat, JavaServer Pages, and SCSS

DELL | PRODUCT MANAGEMENT INTERN

May 2016 - Aug 2016 | Austin, TX

- Mitigated cold-start performance on Dell PC's with Dell Data Protection software installed by 10% by caching fully encrypted file inodes
- Generated real-time graph models of encryption and cold-start performance for Dell Security Business Intelligence
- Worked with a variety of technologies including C#, D3.JS, and NoSQL

DELL | SOFTWARE ENGINEERING INTERN

May 2015 - Aug 2015 | Austin, TX

- Implemented a mobile application for remote authentication of a Dell PC
- Developed an iOS application to control PC states (shutdown/locked/sign-off)
- Led team of interns as scrum master and hosted daily stand-ups
- Leveraged C#, Xamarin Studio, Firebase, and Swift

PROJECTS

TEAMLIFT

Mobile application allowing fitness enthusiasts to workout together

- Utilized NodeJS, ExpressJS, and MongoDB for route handling, data processing, API calls, and database interaction
- Integrated Google Maps API to group users to specific gyms
- Designed and engineered application in Swift using Sketch and InVision to prototype and create application wireframe
- Developed chat functionality utilizing NodeJS and Firebase

CROWDCONTROL

Web application enabling artists to receive crowd feedback ratings

- Utilized Microsoft Kinect to batch scan audience to record movement
- Developed front-end application in React with Redux to manage application state
- Processed movement data with AWS Lambda and used D3.JS for streamline graph visualization