

HASANAIN JAMAL

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EDUCATION

University of Arizona

B.S. in Computer Science, double major in Mathematics

August 2016

EXPERIENCE

Senior Software Engineer

Axon

September 2018 - present

Scottsdale, AZ

- Designed backend for multiple complex features for Axon Records
- Written Complex migrations against MySQL
- Full Stack engineer working in Go, Python, Java, JavaScript, React, GraphQL
- Multiple dev happiness projects, e.g. automate e2e tests, ease local deployment
- Reviewed pull requests and design documents for Engineers
- Optimized performance in production code by optimizing queries, adding cache and altering datamodel
- Mentored peers and provided feedback

Full Stack Software Engineer

American Express

August 2016 - August 2018

Phoenix, AZ

- Last position a front end lead on Full Stack team (Angular, Java, DB2) dedicated to the American Express' corporate card platform-
- Created UI using ReactJS to expose test data from system database for QA Engineers to use
- Created and Maintained ETL scripts using Ab Initio to sync data across data warehouses and systems of record
- Developed a POC for using Graph QL in lieu of SOAP for low level web services
- Developed automation framework for Stored Procedure deployment and testing using Liquibase, DB Unit and Docker
- Mentored 2017 summer intern who helped work on the automation framework above
- Created a tool to automate testing of translations using Java Spring and React
- Experience with CICD tools like Jenkins, XLR, Sonar, Selenium

Software Engineering Intern

American Express

June - August 2015

Phoenix, AZ

- Added and configured splunk as a log injection system for the corporate card platform

UNIVERSITY EXPERIENCE

Undergraduate TA for courses: (OOP & Design, Web Dev)

University of Arizona

August 2014 - August 2016

Tucson, AZ

- Taught section of 25 students on OOP and design patterns topics in Java
- Designed lectures, assignments, and course plans for a full LAMP stack web dev course