HASANAIN JAMAL

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EDUCATION

University of Arizona   *August 2016*

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

Computer Science GPA: 3.4 Overall GPA: 2.76

PROGRAMMING EXPERIENCE

Languages	JavaScript, Java, Python
Frameworks & Tools	React, Angular 1.*, Node, Spring, Git

EXPERIENCE

Software Engineer   August 2016 - present
American Express   *Phoenix, AZ*

· Moved to DB team in Jan 2017 and started working on a DB2 database and writing large queries and ETL procedures.
· Started as full stack developer on the corporate card management portal (@Work) Spring application with jQuery.

Software Engineering Intern   June - August 2015
American Express   *Phoenix, AZ*

· Designed and implemented an analytics system using Splunk
· Created a financial summary widget with AngularJS and NodeJS
· Used agile development methodologies and customer focused user stories in all projects

TA EXPERIENCE

Section Leader, Object Oriented Programming and Design   January - May 2015, 2016
University of Arizona   *Tucson, AZ*

· Taught section of 25 students on OOP and design patterns topics, parallel programming concepts, distributed version control (git), and 2D animation. All topics were covered in Java
· Planned weekly section activities for all 6 Section Leaders
· Managed final project teams for 4 teams. Projects were 6 weeks long and had teams of 4

Undergraduate Teaching Assistant, Web Programming   August - December 2015
University of Arizona   *Tucson, AZ*

· Designed lectures, assignments, and course plans for a full LAMP stack web programming course.
· Lectured on Security, High Order Functions, CSS, and other web related topics

ACTIVITIES

3rd place in the Rocky Mountain regional ACM programming competition in 2015
Attended the Google Developer Conference (I/O) for 2013
Volunteer, teaching pre-calculus and Algebra 2 to high school students from August 2014 to may 2015
Arabic Language Partner with Project Global Officers (GO)