

HASANAIN JAMAL

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EDUCATION

University of Arizona

May 2016

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

Computer Science GPA: 3.60 Overall GPA: 2.3

PROGRAMMING EXPERIENCE

Languages Java, JavaScript, Python, C

APIs & Tools JSON, REST, Git

EXPERIENCE

Software Engineering Intern

June - August 2015

American Express

Phoenix, AZ

- Designed and implemented an analytics system using Splunk
- Designed a proof of concept widget with AngularJS and NodeJS
- Used agile development methodologies and customer focused user stories in all projects

Technology Consultant, Small Business

March - December 2013

Mural

Tucson, AZ

- Provided IT consultations for SMBs and assisted in setup of DNS, mail servers, website migrations
- Promoted to a level 2 consultant within 6 months of hire
- Wrote training documents and led workshops for other consultants

TEACHING EXPERIENCE

Section Leader, Object Oriented Programming and Design

January - May 2015, 2016

University of Arizona

Tucson, AZ

- Taught section of 25 students on OOP 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

Undergraduate Teaching Assistant, Mathematics in Modern Society

August - December 2014

University of Arizona

Tucson, AZ

- Lectured on Graph theoretic topics and the mathematics of voting systems
- Tutored lower level math students in multi variable calculus and linear algebra

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 since August 2014

Arabic Language Partner with Project Global Officers (GO)