YOUSEF ALABSI

SOFTWARE ENGINEER

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OBJECTIVE

To obtain an entry-level position as a Software Engineer that will allow me to utilize the skills gained at Iowa State University starting May/2019.

/yabsi

/YousefA.Absi

/yalabsi

EDUCATION

BACHELOR'S DEGREE

Iowa State University | Aug 16 - May 19

Bachelor of Science in Software Engineering. GPA: 3.2

Expected Gradutaion: May 2019

PROFFESIONAL WORK EXPERIENCE

SOFTWARE ENGINEER APPRENTICE

Source Allies | May 18 - Aug 1

- Built and published a Geolocation React-Native app for John Deere.
- Reached 100% test coverage wrote over 400 tests with Jest & Detox.
- Built open source library containg 5 AWS lambdas for OAuth1.0a.
- Built CI pipeline for compiling and deploying app into Android and iOS stores.

SOFTWARE DEVELOPER

Complex Computation LLC | May 17 - Oct 17

- Developed libraries released in the Graph Exploration Language.
- Wrote the high resolution export feature of Mango using OpenGL and wxWidgets.

ADDITIONAL WORK EXPERIENCE

RESIDENT ASSISTANT

Iowa State University, Friley Hall | Aug 18 -May 19

- Developing a community supporting all residents.
- Advising students with personal, academic and social concerns.
- Enforcing University policies and assisting in crisis situations.
- Providing resources and facilitated programs, interactions, and activities.

SELECTED PROJECTS

AgPoint | Google Play & iOS Store
- React Native app that updates location in realtime.
- 100% test coverage using Jest
- E2E tests using Detox
- Fully automated deployment process.

OAuth1.0a Lambdas
- Open Source project, several lambdas that act as a proxy between the client and the server for oAuth 1.0a.
- 100% test coverage using Jest
- Full AWS CloudFormation.

SlideKB | github.com/SlideKB
- A mechanical keyboard Slider that automates several tasks using Arduinos.

Mango | complexcomputation.com/en/mango
- An easy to read environment for combined heterogeneous data sets.

PocketPark
- Smart parking app for Android

OTHER PROJECTS

ComicAI   GridLoc   Reflect.io   RunSamuraiRun   ZeitMap

ACTIVITIES

LEOD AUTOMATION TEAM LEADER
ARABIC CONVERSATION TABLE
SEVEN HACKATHONS
SAILING CLUB
CYBER DEFENSE COMPETITION

AWARDS

BIG 12 SAILING CHAMPIONSHIP

ISU DEAN'S LIST

ARAB YOUTH CREATIVE ELECTRONIC DESIGN

INTERNATIONAL COMPUTER DRIVING LICENSE

ATHARI LEADERSHIP RETREAT

SKILLS

Java

C

Node.js

React-Native

Angular

MySQL

PHP

ENGLISH 100%

ARABIC 100%

JAPANESE 25%