

Yousef Al Absi

Software Engineer

Innovative Software Engineer with expertise and experience in full stack software development. Quick Learner and able to master new technologies quickly and is able to work in both team and self-directed settings.

Work History

**2020-02 -
Current**

Software Engineer - Backend

Structurely, Ames, IA

- Researched, designed and implemented scalable analytics for information identification, extraction, retrieval and indexing.
- Conducted test driven development and investigated causes of non-confirming software.
- Developed and Integrated an email integration and connected it to Holmes's brain to respond to leads and integrate them.

**2019-01 -
2019-12**

Software Engineering Intern

EnSoft Corp., Ames, IA

- Helped application engineers build automation software based on Jenkins, Maven, and Tycho.
- Open-Sourced Atlas by breaking it into hundreds of smaller OSGi plugins.

**2019-08 -
2019-12**

Teaching Assistant, Com S 227

Iowa State University, Ames, IA

- Delivered weekly labs to 60 students and guided them through the learning outcomes.
- Automated grading of mini assignments by using JUnit and Canvas's API.
- Wrote the GUI for the Space Invaders project with over 200 students in the class.

**2018-08 -
2019-12**

Resident Advisor

Friley Hall, Ames, IA

- Mentored 60 students in the Computer Engineering

Contact

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Awards

Arab Youth Creative
Electronic Design

Best Food Security Hack,
HackISU

Cyber Defense
Competition

ISU Dean's List

Big 12 Sailing Championship

learning community in Friley.

- Enforced University policies and assisted in crisis situations.

**2018-05 -
2018-08**

Software Engineer Intern

Source Allies, Urbandale, IA

- Produced a Geolocation app using React-Native app and John Deere's APIs.
- Produced clean, validation-ready code for project needs with 100% test coverage and over 400 tests using Jest & Detox.
- Developed an open source library with 5 AWS lambdas for OAuth1.0a.
- Built CI pipeline for compiling and deploying app into app stores.

**2017-05 -
2017-08**

Software Developer Intern

Complex Computation LLC, Ames, IA

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

Education

**2016-08 -
2019-12**

Bachelor of Science: Software Engineering

Iowa State University - Ames, IA