Julian Shomali

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Objective: Interested in applying and growing my skills in Web, Mobile, and/or Software development for the summer of 2019

EDUCATION

Michigan State University; *East Lansing, MI*   May 2020
- B.S. Computer Science   •   Minor in Cognitive Science

EXPEREINCE

Spartan Innovations; East Lansing, MI   Sept. 2018 - Present
Mobile Application Developer Intern
- Interacted with student entrepreneurs by assisting them with their business idea and explained the technical aspect of their idea.
- Mobile apps programmed using React Native, had biweekly meetings with clients to explain technical aspects of their idea
- Improved my skills in project managing, in creating mobile apps based on client needs, and client's technical understanding

Spartan Hackers; East Lansing, MI   Jan 2017 - Dec. 2018
President / Hackathon Chair
- Ran the biggest computer science club at MSU by having weekly workshops, local hack day, and getting them to hackathons
- Held web, mobile, and other tech workshops for students and maintained connections with other universities' hackathons
- Maintained the most student involvement in years and brought up the Spartan CSE community's skills.

Computer Architecture & Organization (CSE 320); East Lansing, MI   Jan 2019 – Present
Teaching Assistant
- Course that teaches students circuits and systems by explaining circuit logic and programming in C and assembly (ARM)
- Held help room hours once a week for students with questions and also graded students' work
- Led to improved grades of students and assisted the professor in grading assignments

SpartaHack; East Lansing, MI   Aug 2017 – Present
Logistics Coordinator
- MSU's 36-hour hackathon, in partnership with Major League Hacking, that invites students to compete and learn new skills
- Mentored students throughout the event, ordered meals for 500 students, and contacted faculty to acquire Wells Hall
- 500 students learned and improved on their skills with sponsors being impressed on event being well run

MSU RHS; East Lansing, MI   Sept 2017 – Sept 2018
Web Developer Intern
- Met up with clients and assessed what their needs were for websites such as MSU Golf, Starbucks, and Tour Guides
- Created webforms using Drupal 8, HTML, CSS, JavaScript (jQuery) and maintained any errors that showed up
- Clients approved the webforms, pushing it live that led to increased productivity for users

HackIllinois 2018; Champaign, IL   Feb 2018
Participant
- Created a management app for users to create and join events on a mobile app, using the React Native framework

HackHarvard 2017; Cambridge, MA   Oct 2017
Participant
- Created a social media mobile app using JavaScript (React Native) to connect pet lovers for a better adoption process

HackIllinois 2017; Champaign, IL   Feb 2017
Participant
- Using machine learning and neural networks on Super Mario Bros. to beat the game. I designed and debugged the GUI in Lua for a better user experience

COURSES

- CSE 231- Python
- CSE 232- C++
- CSE 260- Discrete Struct.
- CSE 320- Comp. Org. & Arch.
- CSE 331- Algorithms / Data Struct.
- CSE 335- Software Design
- CSE 431- Algorithm Engineering

Current: CSE 410 – Operating Systems

CSE 482 – Big Data Analysis

SKILLS

- C++
- Python
- Bash (UNIX)
- JavaScript
- C
- ARM (Assembly)
- HTML
- CSS
- Node.js
- React
- React Native
- jQuery

OTHER

- Bilingual (Arabic-Conv. Fluent)
- Engineering Society in Detroit MSU Chapter Member
- Engineering Student Council (ESC) Member
- Association for Computing Machinery (ACM) Member
- 2 Time Marathon (26.2 mi) Finisher