

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

EXPERIENCE

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