

# HASSAN ALI

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## PROFESSIONAL EXPERIENCE

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### Target

*Software Engineer - ShuttleIO*

Minneapolis, Minnesota

Sep 2020 | Present

- Work full-stack on product that Target engineering teams use to monitor their application performance
- Designed and implemented monitoring application for product to assist with on-call trouble shooting
- Maintain and improve central backend product code
  - Takes input data from predetermined source, format data and output to destination of users choice
- Collaborated with Agile product team on the redesign of customer facing UI to include new features
  - Increasing UI task success by 30%

### Microsoft

*Software Engineer Intern - Consumer Software Engineering*

Seattle, Washington

June 2020 | Aug 2020

- Developed sample app that executes inside of container deployed on a Kubernetes cluster running on an Network Edge Compute (NEC) environment
- Application provides health check endpoints and accounts for specific scenarios that need to be functional in these environments (load balancing, persistent storage, etc.)

### Snap Inc.

*Software Engineer Intern - Creative Tools*

Santa Monica, California

May 2019 | Aug 2019

- Developed and shipped Snapcode Sticker feature giving users an easy way to add their Snapcodes to Snaps
  - Viewers of public stories can easily add the relevant person with a single tap
  - Deployed to millions of users, cut user upload time by 55%
- Developed time-based logic to display Snapsterpiece Discard Dialog
  - Prevents the user from discarding a Snap they have been editing by mistake

## PROJECTS

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### Al-Amaan Community Center App React Native, Firebase

June 2021 | Present

- Spearheading team effort in designing and developing an app for my local community
- Centralized all data and information related to community events for an easier point of access
- Executing to serve 100+ users daily on initial release

### Bluetooth Controlled Alarm Clock C, UART Bluetooth Controller

Sep 2019

- Implemented and designed a wireless accessible alarm clock displayed on an LCD
- Displayed a real time clock with two alarms and accurate live temperature readings
- Enabled settings to change through UART module on any mobile device

## LEADERSHIP AND ACHIEVEMENTS

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### Youth Coding Volunteer

*Lead Code Volunteer*

Minneapolis, Minnesota

Aug 2020 - Present

- Program equips students in under-resourced environments with the fundamental coding skills and professional experiences that together create access to careers in technology
- Utilizing programs like Scratch and Code Monster, the students were able to build a number of games and dynamic projects that suited their interests.

### National Society of Black Engineers

*Executive Board Member- Vice President*

Minneapolis, Minnesota

Aug 2019 | May 2020

- Promote public awareness of engineering and the opportunities for Blacks and other minorities

## SKILLS

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Python, Golang, RxKotlin, C, C++, Java, JavaScript, Terraform, SQL, React

## EDUCATION

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### University of Minnesota - Twin Cities

BS Computer Engineering

Minneapolis, Minnesota

Sep 2017 | May 2020