# Sulaiman Ghori

## Personal info

Phone number: 571-577-7241

**Email address:** skghori03@gmail.com Field: Software Engineering

Portfolio: https://github.com/djmango

## Profile

Motivated student (4.2 GPA) demonstrating strong work ethic and creative ability. Over 6 years of programming experience. Seeking to apply my skills at your company. R&D projects, IoT, Motion Control, AI & ML are areas that I am most interested in. Proficient in Python, JavaScript, Node.js, C++, AWS, GCP, among other languages and platforms.

# Experience

#### **AWS Deep Racer Programmer**

10/2019 - present

Currently working on AWSDeepRacer and plan on competing in the 2020 challenge. AWSDeepRacer is an AWS Machine Learning service and the 1/18 scale model vehicle with a reinforcement-learning inference engine to grasp reinforcement learning and to explore its applications to autonomous racing individually or with other AWSDeepRacer users. I've only recently received the kit from AWS and am currently working on this project.

#### **VEX Robotics Programmer**

01/2015 - present

6 years of experience participating in the **VEX Robotics Competition**.

5 time States finalist and Worlds contender.

The VEX Robotics World Championship, run by the Robotics Education and Competition Foundation is the largest robotics competition in the world. In the competition, students are given a yearly challenge, and must design, build, program, and

drive a robot to complete the challenge while competing with other teams.

While our team of 5 worked on all parts of the robot together, my core responsibility on the team was to write, test and deploy the software. Implementing motion control systems on robots, supporting fully autonomous mode as well as remote control, mapping, sensors and navigation.

github.com/djmango/korvex

YouTube links of past competitions available on request.

#### 10Pearls Internship **Software Development Intern**

07/2019 - 09/2019

Worked on numerous R&D projects at 10Pearls, including building a custom Amazon Alexa skill. Amazon Alexa skill included building a data set for and training a machine learning voice recognition model, as well as supporting AWS architecture.

https://github.com/djmango/alexaScreenControlPublic

#### **Independence High School Robotics**

Mentor

08/2019 - present

Mentoring the students of the IHS VEX Robotics team. Assisting the coach in getting firsttime competitors oriented and started with teaching C++ and basic motion control.

#### **Puddle** Cryptocurrency

Team

### **Lead Software Engineer/Co-founder**

11/2017 - 12/2018

Engineered and built a cryptocurrency protocol ground-up, and built clients to utilize it in Python and Go. Primarily to explore security pertaining to open-source software, and peer-

to-peer networking. github.com/dimango/pyddle

github.com/djmango/puddle-website



Indipendence High School **Advanced Diploma** 

09/2017 - 06/2021

# ✓ Achievements

5-time VEX Robotics States finalist and Worlds contender 2017 Virginia Innovate Challenge Finalist 6 Successful projects completed on Upwork (paid work)

# Skills

Languages	
Python	••••
Node.JS	••••
JavaScript	••••
C++	•••00
Go	••000

## Other

AWS/GCP	••••
Motion Control	••••
Docker	••••
Django	••••
TensorFlow/Keras	•••00

## Concepts

Decentralized Systems	••••
Networking	••••
AI/ML	•••00
Databases	•••00
Computer Science	••000