

# KRISH GURDASANI

Computer Scientist

## EDUCATION

AUG 2016 – MAY 2020

### Bachelor's in Computer Science

The Pennsylvania State University

C.GPA- 3.21/4.00

## CMPSC COURSES

Data Structures and Algorithms

Programing Language Concepts

Systems Programming

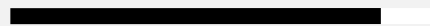
Computer Organization and Design

## SKILLS

PYTHON



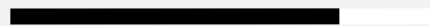
JAVA



C++



Arduino



SQL



### Professional Skills:

Verilog, PHP, HTML, 7 years of coding experience.

Leadership and Mentoring experience.

## CONTACT ME

Phone: (814)-441-0211

Email: krishgurdasani@gmail.com

GitHub: github.com/creative-cloud

Address: 117, Curtin Hall, East.  
University Park, PA 16802.

## OBJECTIVE

To gain valuable experience in the field of Computer Science through an internship during Summer 2019.

## WORK EXPERIENCE

### Server System Admin for Chatbot App-

JAN 2019

- Updating a Python code-base that interacts with a chatbot database to help create custom scenarios.
- Maintains server software and updating database/interface to reflect changes for client machines.
- Collaborating on a UI avatar to convert scenario text from database to voice.

### GameSharkz Web-dev intern -

AUG 2018

- Developed a basic social network for the client using PHP, Laravel, SQL, HTML, CSS and JavaScript.
- Developing a payment system for the website using PayPal and Credit Cards to facilitate online gaming tournaments.
- Planning a mobile application of the website using Android Studio.

### 3rd Eye Research Project-

JUL 2018

- Implementing a design that includes a wireless glove and computer vision to help people with visual impairments navigate.
- The glove is connected to a phone using HC-05 chip and provides haptic vibration feedback that helps the user with object detection.

### Mech Warfare Robot-

MAR 2018

- Collaborated on a RC controlled robot that was equipped with a bb-gun. Developed an auto-balancing design that helped guide the robot though the maze.
- The robot was capable of walking on four legs and had a camera that will live stream to the user using a pycam connected to a local server. The competition had a maze in which two RC controlled robots fought each other.
- The robot was remotely controllable from outside the arena.

### Crime Department software interface -

DEC 2017

- Developed a program that creates and maintains a database for crimes based on type, criminals and officers.
- Based on authorization, each officer accesses only the relevant data. It included notifications for new cases and emergencies.
- Converted into an executable .exe file. Programmed in C++.

### Learning Assistant for C++ and MATLAB.-

AUG 2018

- Responsible for reinforcing lessons presented by Professors and reviewing material with students one-on-one or in small groups. Addresses the concerns of over 200 students in an academic semester.
- Mentoring projects and assignments given in the class by converting theoretical knowledge to practical applications.

### Resident Assistant for Penn State -

JUN 2018

### Crew Leader for Penn State Dining Commons -

FEB 2017