

Aditya Kishan Ankaraboyana

✉ akishan@buffalo.edu
☎ 716-906-0823
in adityakishan
🌐 kishanankara

Education

University at Buffalo, State University of New York

Bachelors of Science Computer Science 2018

Courses Taken: Data Structures, Discrete Structures, Computer Architecture, Programming Languages

Employment

University at Buffalo, Student Assistant, Campus Living Helpdesk

Aug 2017 - Current

- Maintained network inventory, managed assets for systems used by Campus Living throughout University at Buffalo(UB).
- Managed Student Assistant accounts.

Projects

Drone Collision Avoidance

Oct 2017

- created a simulation of drones moving across a grid without colliding with each other to understand synchronization .
- used mutex locks to avoid collisions between drones that were used as pthreads.

AutoLab

Jan 2017 - Current

- worked on an open source project used for course management, originally by Carnegie Mellon University(CMU).
- added a maximum function to allow the instructor to choose the maximum score instead of the latest score obtained across multiple submissions by a student for a given assignment.
- added a checkbox to toggle functionality.

LightsAutomation

Jan 2017 - Current

- extended some features of an open source Arduino Project by Bitluni, for 300 LED Lights using a WeMos WiFi chip.
- added presets that can be selected over a web form for over 16 million colors.

Obstacle Avoidance Robot

May 2015 - Jun 2015

- programmed a robot, that used an Arduino motherboard that could be sent messages over the phone.
- implemented code for providing obstacle avoidance features.

Skills

Languages

C++, Java, C, Git, HTML, CSS(beginner), Ruby, JavaScript, Python

Others

Arduino IDE, LanSweeper

Activities

Seminar/Presentation, Best Speaker

Apr 2016

- Gave a talk on the role of technology in the payments platform.

- Spoke about the role of merchants and credit, debit transactions.
- Data Security.

Volunteering

Habitat for Humanity, *Builder*

May 2014

- was part of the team that built houses for the poor and needy affected by cyclones.