

ADITYA KISHAN ANKARABOYANA

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EDUCATION

University at Buffalo
BS Computer Science

Buffalo, NY
Grad: December 2018

EXPERIENCE

University at Buffalo
Student Assistant

Buffalo, NY
August 2017 — Present

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

University at Buffalo
Developer

Buffalo, NY
June 2017 — August 2017

- 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.

SKILLS

Programming Languages: Java, C, C++, Python, Ruby, Javascript, CSS, HTML
Others: Arduino IDE, Lansweeper

PROJECTS

BMI Calculator

December 2017

- used the Python-Flask framework to create a simple BMI calculator application.
- used the Jinja2 templating engine to take the height and weight of a person to then give out the BMI.

Drone Collision Avoidance

October 2017

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

Lights Automation

January 2017

- 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.

SEMINAR/PRESENTATION

- Gave a talk on the role of technology in the payments platform.
- Spoke about the role of merchants and credit, debit transactions.
- Data Security.