Aditya Kishan Ankaraboyana

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Education

University at Buffalo   Buffalo,NY
BS Computer Science   Grad: December 2018

Experience

University at Buffalo   Buffalo,NY
Student Assisstant   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   Buffalo,NY
Developer   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 calulator application.

- used the Jinja2 templating engine to take in the height and weight of a person as inputs and 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.