Prathamesh Kulkarni

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EDUCATION

BS in Computer Science - University at Buffalo, NY
Expected graduation: May 2022

TECHNICAL SKILLS

Languages: C, Scala, JavaScript, Python, HTML/CSS
Frameworks and Libraries: Flask, Bootstrap, NodeJS, MySQL, SQLite
Tools: Linux, GNU Make, Emacs/Vim, Heroku, Apache Maven
Experience developing and deploying full web applications from start-to-finish.

WORK EXPERIENCE

Sustainable Manufacturing and Advanced Robotics Technologies (SMART), University at Buffalo - *Full Stack Web Developer*

MONTH July 2019 - August 2019

- Developed a web application with a team that controlled lights over the internet using IoT technology (Internet of Things) in the SMART lab at the University at Buffalo.

- Used confluence to manage and organize team meetings as a team leader.

- Tools used: HTML, CSS, JavaScript, Flask, SQlite, Python, Arduinos, C.

Office of Accessibility Resources, University at Buffalo - *Notetaker*
MONTH August 2019 - MONTH January 2020

- Notetaker for the class: Wrote notes for the Introduction to Philosophy class for the office of accessibility resources in order to help students with disabilities.
- Demonstrated consistency by taking notes for weekly lectures upto 4 hours per week.

PROJECTS

Discord bot for topic suggestion -

- Built a bot for the popular VoIP application discord that suggests topics for conversation and deployed it to Heroku.
- Tools used: Python, Git, Heroku

- The project is open source and Github labels were added to make it easier for beginners to contribute.

Wikipedia Search Engine -

- Built a search engine that lists Wikipedia articles related to search query using the Wikimedia API.
- Technologies used: Javascript, jQuery, Bootstrap, AJAX, Wikimedia API.

Multiplayer desktop and web game-

- Worked with a team of four students to build a real time multiplayer game for a period of over three months.
- Developed the graphical user interface for the desktop application and developed a concurrent backend using sockets.
- Technologies used: JavaFX, Scala, Akka, Socket.io, MySQL

AWARDS AND ACTIVITIES

- Merit Scholarship winner
- Winner of the Rubik's cube solving competition organized by the National Society of Professional Engineers with an average of 15 seconds