**Roshitha Vallurupalli**

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**OBJECTIVE**

To gain knowledge and experience through industry opportunities and internships.

**EDUCATION**

- Graduation Date: May 2018

* Delaware State University, Dover, Delaware.
* Major: Computer science, GPA: 3.12

**PROJECTS**

- Scribbler dancing project:

* Programing Scribblers (robots) to dance for a song.
* Making a short film with a theme and including the scribbler dance in the film.
* Software used: Calico, Audacity, Windows Movies, Programming language: Python.

- Mars rover project with scribbler:

* Programing Scribbler to follow a path by avoiding black lines and obstacles.
* Also programming the Scribbler to get attracted to light using sensors.
* Software used: Calico, Programming language: Python.

- Raspberry Pi – Project Cisco95:

* Making a robot (Cisco95) using Raspberry pi and programming it to perform several activities like face detection, distance finding and live stream. (Blog: <http://rraspberry.blogspot.com/>)
* Programming language: Python.

**EXPERIENCE**

- Assistant librarian in A.I DuPont High school, Wilmington, DE. *(August 2012-July 2014)*

* + - Assisted library patrons with reference materials.
    - Assigned and check-in books for student users.

- Research Assistant in Delaware State University, Dover, DE. *(June 2016-present)*

* Assisting in a current research in Computer Science lab (Dr. Xiali (Sharon) Hei).
* Currently working on collecting data from the gyroscope sensors using Raspberry pi.

**SKILLS**

Java, Python, C++

**ORGANIZATIONS**

* CIS Club (Delaware State University)
* STOMPP: SAP (Delaware State University)
* NSBE (National Society of Black Engineers)
* Volunteer in Student Event Planning Committee of CS and IT department (DSU).
* Helped Organize Digital Dash an event for incoming freshmen.

**CONFRENCES**

- Attended Explore day at Vanguard in Malvern, PA as an explorer.

- Attended SAP Headquarters in Newton, PA for STOMPP: NSQ Visit.