

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.

