

VIGNESH HARISH

329 West Nicholai Street, Hicksville, New York, 11801
(516) 507-7995, vharish@nyit.edu

Education

New York Institute of Technology

M.S. Information, Network and Computer Security

Old Westbury, New York
Graduating May 2019

GPA: 3.88/4.0

- **3rd position** in Long Island Business plan Competition.
- Participating in **State Level** Business plan Competition on 27th April 2018
- **Vice President** of NYIT Informs Student Chapter
- Graduate Assistant for **Robotics Workshop**
- Participated in Cyber security Hackathon

Birla Institute of Technology, International Center

B.E. Computer Science Engineering

Muscat, Oman
Graduated June 2017

GPA: 9.37/10

- Scholarships and Cash Awards for great academic record.
- **Organizer** of inter college IT Tech Fest **REVERA**
- **1st** in **Inter college programming** contest.
- Ranked 7th in the regional programming contest by **ACM OCPC** (Oman collegiate programming contest)
- Participated in the gulf region **ACM ACPC** in Egypt.
- **1st** in **IoT (Information of Things) contest**.
- **1st** in **Data Modelling Contest** at IBRI College of Applied Science.
- **3rd** position in **Networking contest** at IBRI college of Technology.

Employment History

IBM

Cyber Security Intern

Armonk, New York
June 2018 - Present

- **Security Capability Creator** - titled by the Global CISO IBM
- IBM Intern Hackathon CyberSecurity category winners, 75 teams and 400+ participants in North America.
- Developed a prototype that would soon be implemented in IBM.
- Filing patents for the idea and the tool that was developed as a part of the project.
- Identified the appropriate tools to protect all the confidential information within the company and deployed it successfully within a short period.
- Engineered templates that would protect the companies Crown Jewels.

New York Institute of Technology

Robotics Workshop Graduate Assistant

Old Westbury, New York
Sept 2017 - May 2018

- Collaboration with Haddington Robotics.
- Worked with FPGA's, JavaScript, Dexter Development Environment.
- Guide students to build a robot.
- Explain the mechanics and the function of each component of the robot.
- Help them understand the programming logic behind the working of the robot.

Al Bashayer Meat Company S.A.O.C.

Information, Network and Process Analyst Intern

Muscat, Oman
July 2017 - August 2017

- Dealt with meat product's packaging and shipping.
- Planned a network and design layout for the factory.
- Facilitated in the development of the website.
- Researched and summarized the equipment's required for their project.
- Surveyed software's can be used to communicate between the head office and the factory.

Projects

Crater

- Expanding the idea of uber at a service provider level instead of transporting people our model aims at transportation of goods within the city.
- Developing Android and IOS applications.
- Setting up cloud database.
- Securing the privacy of the users.
- Researching the market statistics for future growth.
- Secured 3rd in regional Long Island Business Plan Competition. Qualified for state level competition.

DEXTCam

- Working on the application of Dexter Robot from Haddington Dynamics.
- Precise camera movement.
- Low cost filming tool for video editors.
- XBOX Controller support to move the robot and camera using JavaScript.
- Smooth and fast transition of camera shots.
- 3d modelling and printing.

Mobile Assisted Health Platform

- Integrating e-bikes with automated steering for therapy patients.
- Linking heart rate monitor KARDIA for accurate heart rate graph.
- Using LEGOBOTS to steer the e-bike.
- Developing application to see the progress of the patients.
- Indoor and outdoor testing and data recording.

Android Based College Portal

- Secured 2nd position for the best project in Computer Science department.
- Allows professors update Grades and the attendance in real time using SQL servers and Databases.
- Provides the daily events and the activities taking place in the college.
- Linked Google maps to facilitate easy navigation to the campus.
- Developed separate access for students and professors
- Designed a user friendly and attractive interface.

Professional Skills

C++:	Advanced	Android Studio:	Advanced	MS Office:	Advanced
Java:	Intermediate	PHP:	Advanced	Matlab:	Intermediate
SQL :	Advanced	AUTOCAD	Intermediate	PenTesting:	Beginner