

Vishnu Varada

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30 Cormier Rd, Burlington, MA

EDUCATION

University of Illinois at Urbana Champaign

Industrial Systems Engineering

Minor in Computer Science

Class of 2020

GPA: 3.5/4

Bedford High School

High School Diploma

Class of 2016

GPA: 3.9/4

Current Coursework:

- CS 125: Introduction to Computer Science and Engineering (Java)
- IE 300: Analysis of Data (Python)
- TAM 211: Theoretical and Applied Mechanics (Statics)
- Math 285: Differential Equations
- SE 261: Business Side of Engineering

Previous Coursework:

- ECE 110: Introduction to Electronics (MATLAB)
- CS 101: Introduction to Computing Engineering and Science (Python and MATLAB)
- SE 101: Engineering Graphics and Design (Autodesk Inventor)
- Physics 211: Mechanics

SKILLS

Computer Skills:

- Proficiency with SQL
- Proficiency with PC and Macintosh user interfaces
- Microsoft Office, Microsoft Word, Outlook, Windows, Excel, PowerPoint, Adobe Premiere, Autodesk Inventor, Weebly, Python, MATLAB, Final Cut Pro
- Basic circuit design and analysis

Manufacturing Skills:

- Drill Press, Band Saw, Grinder, Table Saw
- 3D Modeling (Autodesk Inventor)

EXPERIENCE

Program Assistant at Microsoft New England Research and Development Center

June 2016 to August 2016

- Worked on integrating Microsoft Office products into the corporate offices of the Boston Museum of Science
- Developed, planned, and implemented 12 bi weekly 3 hour professional and personal development workshops for summer youth interns that covered topics including diversity, financial literacy, and career readiness at the in conjunction with the Boston Museum of Science.
- Planned and coordinated teen events and visits to local STEM institutions for summer youth interns.

Exhibit Hall Interpretation Intern at Museum of Science

July 2015 to August 2015

- Guided visitor inquiry through investigations and challenges around engineering design, mathematics, and scientific concepts.
- Trained summer youth volunteers to facilitate science and engineering activities in the museum's exhibit halls.

Summer Courses Intern at Museum of Science

July 2014 to Aug 2014

- Aided in the development and teaching of lessons in science and engineering to students K-8.
- Was responsible for creating a safe and stimulating environment kids in order to ensure that they had fun with what they were learning about.