Archan Shah

shaharchan93@yahoo.com; +1 484-602-0027

Looking for an internship or co-op that introduces me to real world challenges and learning.

EDUCATION

PENN STATE UNIVERSITY (University Park, Lehigh Valley) — State Collage, PA
Bachelor of Science — 08/13 to 05/16 (anticipated)
Major: Computer Science; Minor: Mathematics
GPA 3.19

NORTHAMPTON COMMUNITY COLLEGE — Bethlehem, PA
Associate of Science, Computer Science — 08/12 to 08/13
GPA 3.54

FULL STAKE WEB DEVELOPER, Nanodegree from Udacity.com — 5/15 – 8/15 (anticipated)

SKILLS

- Programming Languages: C/C++, Java, Java Script, Python, HTML/CSS, MATLAB, Verilog, MIPS
- Operating Systems: Windows 7, Windows 8, Linux (Ubuntu), Mac OS, Android.
- Languages: English, Hindi, Gujarati
- Software: Microsoft Visual Studio, Eclipse, NetBeans, Terminal, MS Office

COURSES

- Object Oriented Programing with Web
- Introduction to system programming
- Computer Science I & 2
- Computer organization and design
- Introduction to Numerical Analysis
- Data Structure and Algorithms
- Programming language Concepts
- Intermediate programing
- Introduction to digital systems
- Introduction to probability theory

PROJECTS

3d Printer Device Driver in C using GNU
- Device driver provides a simpler interface for higher layers to use with ability to control a 3d printer located anywhere on the Internet.

Doctors' Appointment in Java using Netbeans IDE (team project).
- GUI based application that allows user to assign, delete, and reassign appointments.

Touring Machine Simulator in C++ using Visual Studio IDE (Co-leader).
- Machine simulator included control unit and programing unit. Control unit was responsible for reading programing instructions and writing output. Programming unit was responsible for interpreting and executing instructions.

OTHER

- Reading books - inspirational, autobiography and comic
- Playing chess, cricket, pool, volleyball
- Listening to different types of music
- Supported education working part time in Dunkin Donuts coffee shop and Sunoco Gas station.