Josh Ghimire Bhattarai

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EDUCATION:

Bachelor's Degree, Computer Science, May 2019
Cognate (Minor), Marketing & Business, May 2019
Michigan State University, East Lansing Michigan
Overall GPA: 3.2/4.0   Computer Science GPA: 3.3/4.0

High School Diploma, May 2015
Northville High School, Northville Michigan

EXPERIENCE:

Capstone Experience, East Lansing, Michigan
Herman Miller Material Normalization & Computer Vision, August 2018 – December 2018
- Worked in a group of 5 peers to design, develop, debug and deliver a real product.
- Trained several machine learning models using Amazon SageMaker and TensorFlow.
- Used machine learning to develop API that categorizes all of Herman Miller's fabrics.

Quicken Loans, Detroit, Michigan
Software Development Intern, June 2016 – August 2016
- Designed, developed and modified application software to solve diagnostic issues from multiple users.
- Created front-end server to display all data.
- Developed a server with REST API endpoints to receive data from different sources.
- Worked with senior software engineers to familiarize with diagnostic issues.
- Learned practical skills in many languages such as C++, C#, HTML and JavaScript.
- Divided project into small tasks and completed them independently.

SKILLS:

- Java - Created Java program which was eventually sold to digital media company.
- Python – Familiar in creating Python web apps and basic scripts.
- JavaScript - Designed website to display information neatly from C# server.
- C# - Designed WebSocket server to receive and process REST API calls.
- C/C++ - Taken one semester each of college level C and C++ courses.
- Assembly – Basic level of understanding from college courses.

ACTIVITES & HONORS:
- LEGO Robotics - Medal for "excellent programming".
- Northville Rowing - Silver medal at Grand Rapids Regatta.
- Flash Programming - Earned $600 at age of 13 by programming flash games.