

# Josh Ghimire Bhattarai

[joshbhattarai@outlook.com](mailto:joshbhattarai@outlook.com)

248-719-4175

113 S Prospect Ave.

Redondo Beach, California 90277

<https://github.com/bhattarai333>

**EDUCATION:** **Michigan State University**, August 2019, Computer Science, Bachelor's, **GPA: 3.3/4.0**

## **EXPERIENCE:**

### **Mercury Insurance**, Los Angeles, California

*Associate Hadoop Developer*, September 2019 – Current

- **Received training from senior Hadoop developer to take over responsibilities.**
- Familiarized in using UNIX system and architecture
- Handled large data streams through Kafka and Flume into HDFS file system.
- Developed MapReduce programs to aggregate results from HDFS data.
- Learned many important skills such as Spark, Hive, Pig and Amazon Redshift.

### **Capstone Experience**, East Lansing, Michigan

*Herman Miller Material Normalization & Computer Vision*, August 2018 – December 2018

- **Worked in a group of 5 peers to design and develop a computer vision product.**
- Trained several machine learning models using Amazon SageMaker and TensorFlow.
- Utilized models in order to recommend customers internal Herman Miller fabrics.
- Integrated models with incoming fabric catalog to standardize fabric categorization.
- Specifically designed integration between the different components of the product.
- Designed and developed API which encapsulates entire product into REST endpoints.
- Product achieved [first place prize](#) out of 97 MSU class of 2018 senior CSE students.

### **Quicken Loans**, Detroit, Michigan

*Software Development Intern*, May 2016 – August 2016

- **Designed and developed full-stack web app to solve diagnostic issues internally.**
- Created front-end server to display all data, functionality created through JavaScript.
- Developed a server with REST API endpoints to receive data from different sources.
- Worked with senior software engineers to familiarize with diagnostic issues.
- Divided project into small tasks and completed them independently.
- Learned practical skills in many languages such as C++, C#, HTML and JavaScript.

## **LANGUAGES:**

- Java - Created program in 2015 which was eventually sold to digital media company.
- Python - Familiar in creating web apps and machine learning model functionality.
- 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 year each of college level C and C++ courses.
- Assembly - Basic level of understanding from college courses.

Citizen of United States of America