

## BRANDON KAINULAINEN

**OBJECTIVE** Looking to begin my Software Development career in a company in which to create, learn, and grow. This should be in a position that will bring value to both the company and myself.

---

**EDUCATION** **NORTHERN MICHIGAN UNIVERSITY-MARQUETTE, MICHIGAN**

BS in Computer Science Cumulative GPA – 3.90 Graduation Date: December 10, 2016

**COURSES TAKEN:**

Computer Science: Intro to Computer Science (Java), Data Structures, Computer Design and Architecture, Object Oriented Design, Android, Network Programming, UNIX System Administration, Web Programming

Math: Calculus 1 & 2, Discrete Math, Linear Algebra & Matrix Theory, Intro to Statistics, Abstract Algebra

**SENIOR PROJECT:**

Used a Raspberry Pi and the Python language to create a Christmas light controller to analyze music file inputs and output signals to flash lights

---

**GENERAL  
KNOWLEDGE**

**SOFTWARE:**

Docker, GitHub, Eclipse, VMWare, Visual Studio, Android Studio

**LANGUAGES:**

Java, Python Have used: C++, C, JavaScript, HTML, CSS, Bash

---

**EXPERIENCE**

**HEWLETT PACKARD ENTERPRISE INTERN**

Summer of 2016

Machine learning project analyzing OneView support dump log files in order to speed up problem finding process. The project consisted of creating Python code to cluster the data. Logstash, Elasticsearch, and Kibana were used to visualize and filter log entries. Other software programs used in the development process were GitHub, Apache Spark, and Hortonworks HDP. A poster was created to present at an intern fair. A presentation was given to panel about the project.

**DETROIT ANNUAL CONFERENCE—MISSION LEADERSHIP INTERN**

Summers of 2013, 2014, and 2015

**RETAIL AND OTHER WORK EXPERIENCE**

September 2012 – April 2016