

BRANDON KAINULAINEN

OBJECTIVE To begin my Software Development career in a company where I can create, learn, and grow, while bringing value to the company and its customers

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:

Created a Christmas light controller to analyze music file inputs and output signals to flash lights, using a Raspberry PI and Python

**GENERAL
KNOWLEDGE**

SOFTWARE:

ELK Stack, Apache Spark, Docker, GitHub, Eclipse, VMWare, Visual Studio, Android Studio

LANGUAGES:

Java, Python, 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. The internship concluded with creation of a poster and presentation of the project at an intern fair for the HPE site.

DETROIT ANNUAL CONFERENCE—MISSION LEADERSHIP INTERN

Summers of 2013, 2014, and 2015

RETAIL AND OTHER WORK EXPERIENCE

September 2012 – April 2016