

# **Stone Morrison Mathers**

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## **Permanent Address**

1236 Prospect Avenue  
Ann Arbor, Michigan 48104

## **School Address**

104 Union Drive, Box 93263  
Durham, North Carolina 27708

## **Education**

**Duke University**, Durham, NC  
Pursuing BS in Computer Science  
GPA 3.82

Aug 2015 – Present

**Ann Arbor Pioneer High School**, Ann Arbor, MI  
GPA 4.00

Sept 2011 – June 2015

**Composite ACT:** 35

Science Reasoning: 36

Math: 34

**SAT I:** 2260

Math: 790

**AP Computer Science A:** 5

**AP Calculus BC:** 5

**AP Physics C – Mechanics:** 5

## **Relevant College Course Work**

- Data Structures and Algorithms
- Multivariable Calculus
- Computer Architecture
- Probability and Statistical Inference
- Discrete Math for Computer Science
- Linear Algebra and Differential Equations
- Software Design and Implementation

## **Relevant Skills**

Proficient: Java, Mac OS X, Microsoft Word, Excel, and Powerpoint

Experience: Python, C, MIPS, Command Line, Git Workflow, Logisim, Markdown, XML, Emacs, LaTeX, STATA, Mathematica, UNIX/LINUX

## **Relevant Activities**

- Eastern Michigan University Coding Competition Fall 2014
- MHacks – Hackathon hosted by University of Michigan Jan 2015
- Grand Valley State University Coding Competition Spring 2015
- AA Pioneer Science Fair – Programming/Mathematics: 2<sup>nd</sup> Place Spring 2015
- HackDuke – Hackathon hosted by Duke University Fall 2016

## **Work Experience**

Percussion Instructor, Pioneer High School; Ann Arbor, MI

Summer 2016

- Assisted in leading drum line rehearsals
- Worked individually with snare line to improve technique and performance readiness
- Organized and coordinated performances
- Responsible for drum line members, as well as a cabin of other band members, as a counselor at the high school's week-long band camp

Contractor, Green Wheel Lawn Care; Ann Arbor, MI

Summer 2015, 2016

- Designed the company's first website
- Performed landscaping work on private and commercial property
- Organized daily routes to service properties efficiently, taking into account battery levels for major equipment, as well as locations of accessible outlets for recharging
- Worked independently with new and existing customers on behalf of employer

Activities Facilitator, Hands-On Museum; Ann Arbor, MI

June 2013 – Feb 2014

- Interacted with children of all ages to help them explore various scientific concepts
- Required ability to involve children of various ages in the activities and an understanding of the ways in which different age groups respond to challenges and interaction

## **College Activities**

- Duke University Marching Band Fall 2015 – Present
- Duke University Pep Band Fall 2015 – Present
- Club Running Fall 2015 – Present
  - Duke Club Running Freshman Representative Fall 2016 – Spring 2017
  - Elected as Duke Club Running Treasurer for 2017-18 Academic Year

## **High School Activities**

- Member of Positive Peer Influence Fall 2013 – Fall 2014
  - Peer counseling group consisting of 12 students that work towards positive change in the school and student body
  - Acceptance requires a student to be nonjudgmental, open minded, a leader in his social group, and genuinely concerned for the well-being of those around him
- Men's Indoor and Outdoor Track & Field Winter 2011 – Spring 2015
- Men's Cross Country Fall 2011 – Fall 2014
- Pioneer Bands (Percussion) Summer 2011 – Spring 2015

## **Accolades**

- Duke University Dean's List Fall 2015, Fall 2016
- Duke Club Running Freshman of the Year Fall 2015
- MHSAA Scholar-Athlete Award Finalist Spring 2015
- National Merit Scholarship Finalist Spring 2015

**References are available upon request.**

**Coding projects are available upon request.**