

# Matthew Menna

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## Summary

- I am currently in a Java Developer Bootcamp with Grand Circus - Detroit to deepen my programming skills in Java 8. I am changing careers from the education field to a technology career because I've used a variety of types of technology in the classroom and have seen how technology can make life easier for people. I would like to contribute to that type of work and bring in my own unique experiences from the education field.

## Education

**GRAND CIRCUS DETROIT | JAVA DEVELOPER BOOTCAMP JUNE 2017 | DETROIT, MI**

**MASTER OF ARTS | 2009 | UNIVERSITY OF MICHIGAN - DEARBORN**

- Major: Secondary Education

**BACHELOR OF SCIENCE | 2007 | MICHIGAN STATE UNIVERSITY**

- Major: Astrophysics – Lyman Briggs School

## Technical Skills

- |                               |                         |                              |
|-------------------------------|-------------------------|------------------------------|
| • Math and Physics Experience | • Spring MVC Framework  | • Autodesk Inventor (3D CAD) |
| • Instructional Technology    | • Hibernate Framework   | • C++                        |
| • Learning Management Systems | • JavaScript, HTML, CSS | • Fortran                    |
| • Java 8 with IntelliJ IDE    | • Version Control / GIT | • LaTeX                      |

## Work Experience

**SCIENCE AND MATH TEACHER | DEARBORN PUBLIC SCHOOLS | SEPTEMBER 2016 TO JUNE 2017**

**ADJUNCT FACULTY | HENRY FORD COLLEGE | SEPTEMBER 2015 TO JUNE 2016**

**SCIENCE AND MATH TEACHER | ADVANCED TECHNOLOGY ACADEMY | SEPTEMBER 2012 TO JUNE 2016**

**SCIENCE AND MATH TEACHER | RIVER ROUGE HIGH SCHOOL | SEPTEMBER 2010 TO JUNE 2012**

## Skills & Abilities

### COMMUNICATION AND COLLABORATION

- Daily presentations to students, across a range of topics varying from planned
- Extensive use of professional electronic communication with students and parents
- Attendance and presentations to peers at education conferences
- Excellent oral and written communication skills
- Attendance and presentations at education conferences (NSTA, MSTA, NCTM)
- Developed curriculum for multiple grade levels and subjects

### LEADERSHIP

- Networked with local engineering/auto businesses to get students experiences beyond the classroom
- Promoted new curriculum by attending professional development in the field of engineering, and assisting with the curriculum alignment of the new curriculum with the old
- Developed mentor/mentee relationships with students
- Co-Mentor of FIRST Robotics Team 4390 which worked at the Michigan Engineering Zone (MEZ) with 15 other teams