

Matthew Menna

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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

EXPERT LEVEL

- Math and Physics Experience
- Instructional Technology
- Learning Management Systems

INTERMEDIATE LEVEL

- Java 8 with IntelliJ IDE
- Spring MVC Framework
- Hibernate Framework
- JavaScript, HTML, CSS
- Version Control / GIT
- Autodesk Inventor (3D CAD)

BEGINNER LEVEL

- C++
- Fortran
- 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

LEADERSHIP

- Networked with local engineering/auto businesses to get students experiences beyond the classroom
- Developed curriculum for multiple grade levels and subjects
- Attendance and presentations at education conferences (NSTA, MSTA, NCTM)
- 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

Education Certifications

STATE OF MICHIGAN | PROFESSIONAL TEACHING CERTIFICATE

- Secondary Cert. # PF0000000899974

- Physics, Mathematics, and Integrated Science

PROJECT LEAD THE WAY | PLTW | INSTRUCTIONAL CERTIFICATE