



## Matthew C. Heering

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### Profile

Motivated full stack web developer from St. Louis, Missouri. Can design, develop, and implement applications and solutions using a range of technologies and programming languages. Seeking to leverage teamwork and communication skills from teaching a number of years and hands-on technical expertise in a challenging role as a Full-stack Developer.

### Experience

#### **WASHINGTON UNIVERSITY IN ST. LOUIS, STUDENT, OCTOBER 2020 – PRESENT**

Learned technologies essential to become a full stack developer. Completed projects showcasing various skills I have developed over the course of this program. Can build, test, and implement applications using the MEAN or MERN technology stack.

#### **FRANCIS HOWELL HIGH SCHOOL, SCIENCE TEACHER, APRIL 2017 – PRESENT**

Promoted learning environments that met a wide range of physical, emotional, intellectual, social, and creative needs of students. This experience involved developing lessons for Biology, Physical Science, and AP Biology . My lessons successfully implemented cooperative learning instructional strategies to promote student engagement.

#### **FRANCIS HOWELL HIGH SCHOOL, STUDENT TEACHER, JAN. 4 – APRIL 2017**

Promoted learning environments that met a wide range of physical, emotional, intellectual, social, and creative needs of students. This experience involved developing unit plans for Honors Biology and Genetics classes. My unit plans successfully implemented cooperative learning instructional strategies to promote student engagement.

#### **MONSANTO, R&D IT APPLICATION SUPPORT SPECIALIST, JUL. 2015 – DEC. 2016**

Responsible for supporting technology development and agronomy research and development applications. I ensured spatial and non-spatial data moved down stream to our growers' applications. I helped develop new applications, data models, and solutions for production issues.

#### **MONSANTO, DATA ANALYST, MAY 2013 – AUG. 2013**

Conducted field testing with Corn and Soybean research plots. I also developed a data cleaning method for our planting and harvest data for future applications.

## Portfolio

Check out [here](#)

## Education

Lindenwood University, St. Charles, MO – Masters of Arts in Teaching, May 2017

Truman State University, Kirksville, MO – Bachelor of Arts in Biology, May 2015

Washington University in St. Louis, MO – Washington University Coding Boot Camp, April 2021

## Qualifications/Skills

- Excelled in Washington Universities Coding Boot camp for full-stack web development.
- Collaborates with colleagues to develop effective data collection methods and assessment strategies to solve problems.
- Industry experience in agriculture, biotechnology, information technology, and education.
- I am agile trained, I react and make changes quickly to apply solutions to problems that arise.
- Programming Languages: HTML5, CSS3, Bootstrap, Materialize CSS, Javascript, jQuery, AngularJS, ReactJS, JSON, Node, Swift.
- Databases: SQL, PostgreSQL, Cassandra, MongoDB
- Can build secure server side applications that meet your needs.

## References

Angela Kozlowski, Supervising Principal, [Angela.Kozlowski@fhdschools.org](mailto:Angela.Kozlowski@fhdschools.org),

Sam Berendzen, Colleague at Francis Howell High School, [Samuel.Berendzen@fhdschools.org](mailto:Samuel.Berendzen@fhdschools.org)

Janet Eubanks, Cooperating teacher, [janet.eubanks@fhdschools.org](mailto:janet.eubanks@fhdschools.org), 636-541-4671