# Zachary T. Retterath

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https://github.com/ztretterath

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**Languages & Frameworks:**  Javascript, AngularJS, jQuery, CSS, HTML, Ruby, Rails, node.js, Express

**Database/DBMS:** MySql, PostgreSQL, MongoDB

**Management & Deployment:** Git, Github, Command Line, Heroku,

**Methodologies:**  MVC Pattern, User Stories, Wireframing, Agile Development, Authentication

**Projects:**
- Wanderluster: While interacting with OpenWeatherMap API, this app uses the entire MEAN stack to display current weather information for cities around the world.
- Soccer Mom Companion: Allows for users to create accounts and organize snack needs for soccer games. Users with accounts may view other moms' snack ideas and a calendar to organize game times
- Connect Four: Users enjoy a modernized version of the timeless classic with the help of JavaScript, jQuery, HTML, and CSS

**Field Experience:**

*General Assembly, WDI, Remote*                                         *Aug 2016 - Nov 2016*
- Full-stack web development student at General Assembly
- Conceived and developed applications with HTML, CSS, JavaScript, and the MEAN stack
- Collaborated with classmates to solve daily coding challenges
- Utilized Github to interact with peers' projects and submit work daily

*Knapp Forest Elementary, Grand Rapids, Michigan*                *Oct 2015 – June 2016*
- $5^{th}$ / $6^{th}$ grade elementary teacher
- Gathered student data to organize students into classes based on readiness
- Constructed and instructed differentiated lesson plans for math and language arts
- Developed methods for inserting visual learning strategies in the classroom
- Formulated technological lesson plans to enhance student learning and engagement
- Designed and implemented classroom behavioral management systems

**Other, Relevant Experiences**
- Google Gemini and Spheros instructor
- Head coach for middle school Odyssey of the Mind
- Pokémon Fan Club founder and coordinator
- Studied poetry from World War I at Cambridge University (King's College)

**Education:**

*General Assembly*
- Web Development Immersive – Aug - Nov 2016

*Michigan State University*
- BA – Graduate with highest honors, 2010-2014