# Samara Elizabeth Garrett

(612) 203-8754    samaraegarrett@gmail.com    [samaragarrett.com](samaragarrett.com)

**Summary:** Full-stack web application developer, knowledgeable and proficient in front-end and back-end development. Quick learner of new technologies, tools, and processes. An effective problem-solver with excellent analytical skills and strong work ethic.

**Skills:**
- **Web Development**: HTML, JavaScript, CSS, Bootstrap, jQuery DataTables, PHP, MySQL, ASP.NET
- **Programming Languages**: Java, C, C++, C#, Python
- **Tools:** GitHub, FileZilla, Trello, IDEs (Visual Studio Code, Eclipse, NetBeans)

**Work Experience:**
- **Full Stack Web Developer**                                                      **December 2020 - Present**
  Telugu Puzzles, [telugupuzzles.com](telugupuzzles.com)
  - Restructured puzzle folder structure and adjusted all relevant functions accordingly.
  - Designed and implemented Single Sign-on for several puzzle applications (subdomains) hosted under a single parent application (primary domain).
  - Enhanced user administration (add, update, delete, role management).
  - Implemented user authentication (login, logout, forgot password).
  - Enhanced puzzle, apps, and books management (CRUD operations, filters).
  - Provided summary reports for end-users and administrators.
  - Enabled PayPal integration for puzzle book sponsorship.
  - Streamlined the deployment and development processes for offline (localhost) and online (Bluehost) hosting.
  - Developed the "Catch A Phrase" puzzle application, [cap.telugupuzzles.com](cap.telugupuzzles.com)
  - Hosted the enhancements to bluehost.com on a regular basis.
- **Web Developer**                              **May 2019 – August 2019, July 2020 – December 2020**
  School of India for Languages and Culture (SILC), [silc.thisisjava.com](silc.thisisjava.com)
  - Bug discovery and patching, including a bug causing historical records to be deleted.
  - Supported the rollout of the enhanced registration system during the school year 2020-21:
    - Implemented codeless configuration to allow class roster access for administrators and teachers.
    - Developed the tracking mechanism for the sources of registration.
    - Enabled several reports (fees paid, fees due, household reports) for administrators.
    - Implemented role-based access control (admin, super-admin, treasurer).
    - Designed and implemented PayPal integration for registration fee collection.
- **Web Developer**                                                               **January 2020 – May 2020**
  Metropolitan State University ICS 499 Software Engineering and Capstone Project
  - Inception and implementation of a three-tier web application.
  - Management of Capstone team.

**Education:**
- **Metropolitan State University, St. Paul, MN**                    **Summer 2018 - Spring 2020**
  Bachelor of Science in Computer Science, GPA of 3.94
- **University of Wisconsin-Madison, Madison, WI**                    **January 2016 - May 2017**
  Actuarial Science Graduate Studies
- **Wesleyan University, Middletown, CT**                          **September 2009 - May 2013**
  Bachelor of Arts in Mathematics, GPA of 3.70
- **Hurdal Verk Folkehøyskole, Hurdal, Norway**                      **Fall 2008 - Spring 2009**
  Folkehøyskole Art and Design Program

**Activities and Honors:**
- **River Heights Choral**                      **Fall 2013 - December 2015, Fall 2017 - Present**
- *summa cum laude*, **Metropolitan State University**                    **Graduated Spring 2020**
- **Dean's List, Wesleyan University**                      **Fall 2009, Spring 2010, Spring 2011**