

William Slater

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SOFTWARE ENGINEER IN ST. LOUIS, MO

PHONE 314-223-3757 | **EMAIL** william.slater527@gmail.com

GITHUB <https://github.com/BillSlater88> | **LINKEDIN** <https://www.linkedin.com/in/william-slater527/>

Computer programmer recently trained by launchcode in various languages. I am an innovative problem solver ready to use my unique skill set to develop software to meet end users' needs.

LANGUAGES

- Python
- Java
- HTML5/CSS3

FRAMEWORKS

- Spring

DATABASES

- MySQL

PROJECT EXPERIENCE

Personal application — Golf rounds record-keeping application

- Used Java and spring to develop an app that allows users to record rounds of golf played in the U.S.A.
- Continually working on application to add more advanced features like google maps integration.

WORK EXPERIENCE

Classroom Teacher, Ritenour School District, St. Louis, MO, June-2016 - June-2019

- Persuaded the school district board and administration to implement the AMPED program, a project-based learning curriculum that teaches Algebra concepts in relation to running a print business making t-shirts and vinyl banners.
- Co-taught 40 students in 6 periods every day, explaining algebraic concepts in a business setting such as profitability, law of diminishing returns, pricing, etc.
- Improved math scores on end-of-course exams, with a greater than 35% increase in students scoring proficient or above as compared to previous years students.
- Developed other, non-traditional lessons and used technology to maintain interest in the subject matter throughout the year.

Quality Engineer, Christy Refractories Company, St. Louis, MO May 2013 – January 2016

- Promoted from being a summer employee to a permanent employee.
- Assisted materials engineers with quality control recommendations on industrial grade ceramic products based on testing results.
- Analyzed quality control and research and development results, reporting them to the plant manager in addition to the engineering and sales teams.

Lab Technician, Shamrock Group, St. Louis, MO, September 2012 – January 2013

- Ran samples to test density and compaction capabilities of sand used in oil-fracking wells.

EDUCATION

LaunchCode, LC101 Programming Course — 2019

Missouri University of Science and Technology, B.S. Environmental Engineering — 2012