

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML, CSS

Frameworks: Django, Bootstrap

Software: Adobe Photoshop, Adobe Illustrator, Adobe InDesign

Database: PostgreSQL, relational databases

Misc: Pandas, Scikit Learn, Test Driven Development (TDD), Object Oriented Programming (OOP), Version Control with GitHub, RESTful API development, JQuery, AJAX, agile development, MVC Fundamentals, Heroku

RELEVANT EXPERIENCE

Data Science and Back-End Engineering with Python Cohort

The Iron Yard

Durham, North Carolina

Jul 2016 - Oct 2016

- Intensive 12-week programming course designed to train students as professional junior-level software developers able to approach and solve problems
- The program focused on four sections:
 - Python Fundamentals
 - Data Science
 - Web Development
 - Capstone Project

Python Crash Course Instructor

The Iron Yard

Durham, North Carolina

Oct 2016

- Selected to lead and develop instructional content for Python Crash Course for more than 10 adult students

Code Education for Kids Instructor

The Iron Yard

Durham, North Carolina

Sept 2016

- Taught Code Education for Kids program to introduce 20 children to new technologies

PROJECT

eduFactor

The Iron Yard Capstone Project

- Conceptualized and developed an interactive Django web application with a back-end in Python to be used by elementary-aged students to increase familiarity with technology enhanced test items
- Followed Agile methodology to create eduFactor with two other collaborators
- Organized question, answer, and score data in a relational PostgreSQL database
- Built interactive questions using JavaScript and jQuery
- Used HTML, CSS, and Bootstrap to provide a user-friendly interface

WORK EXPERIENCE

Title I Math Specialist

Bellwood Elementary School, Chesterfield, Virginia

Jul 2013 - Jul 2016

- Taught remedial elementary students in mathematics
- Planned and executed school-wide math and STEAM events
- Coordinated volunteers for math and STEAM events
- Facilitated monthly math team meetings for all grade levels to discuss data and inform instruction
- Trained as a member of the crisis team
- Collaborated with grade-level teams for planning math instruction
- Adapted mathematics lessons for struggling students
- Evaluated students' mathematics knowledge prior to individualized education meetings
- Liaised between county and school on mathematics as the lead math teacher
- Analyzed and evaluated benchmark data from assessments to inform instruction
- Facilitated student-learning intervention team meetings

Write Now! Layout

Chesterfield County Public Schools, Chesterfield, Virginia

Jul 2012 - Sep 2016

- Designed layout for literary magazine
- Adapted layout for online publication

EDUCATION

Master of Teaching, Concentration in Early and Elementary Education

Virginia Commonwealth University, Richmond, Virginia

May 2013

Cumulative GPA: 4.0

Bachelor of Science in Interdisciplinary Studies, Liberal Studies of Early and Elementary Education

Virginia Commonwealth University, Richmond, Virginia

May 2013

Cumulative GPA: 3.7

CERTIFICATIONS

State of Virginia, Teacher's License, Endorsement in Elementary Education (K-6) - May 2013

State of Virginia, Teacher's License, Endorsement in Middle School Mathematics - August 2015