

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 Student

The Iron Yard

Durham, North Carolina

Jul 2016 - Oct 2016

- An intensive 12-week programming course designed to prepare students as professional junior-level software developers able to approach and solve problems
- The program was split into 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 ten 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

- Remediated tier II and tier III students in mathematics
- Planned and executed school wide Math and STEAM Nights
- Coordinated volunteers for Math and STEAM Nights
- Facilitated monthly Math PLCs 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 Child Study meetings
- Informed school of county mathematics ideas by being the Lead Math Teacher
- Analyzed benchmark data with teachers to inform instruction
- Facilitated Child Study 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