**Peter Olson** [mrpeterfolson@gmail](mailto:mrpeterfolson@gmail).com

510-520-4376 2560 Northside Drive #211, San Diego, CA 92108

**Education**

* Western Governors University, 2018 – 2021, Masters of Arts in Education
* California Polytechnic State University, San Luis Obispo 2012 – 2017
* Graduated with Mathematics Degree from Cal Poly

**Relevant Coursework Taken**

* Bachelors in Mathematics – including classes in Physics (3) and Statistics (3)
* CPE (computer science) 14, 123, 101-103, 225 – 3 java classes, 1 C class, 1 assembly language, 1 C++ class
* Graphic Design

**Professional Experience**:

Mater Dei Catholic High School Aug 2021 - current

Position: Computer Science and Math Teacher

Duties:

* Preparing for and teaching class (AP Computer Science A, AP Computer Science Principles, Geometry)

Igniteducation, working with Stanford University May 2022 – Aug 2022

Position: Curriculum Designer – Working with Prof. Tengyu Ma at Stanford

Duties:

* Developed a weeklong curriculum designed to teach AP computer science students machine learning
* Programmed a image classification machine learning program in Java

California Crosspoint Academy Aug 2020 – Aug 2021

Position: Math, Physics, Statistics, Computer Science, Financial Literacy Teacher

Duties:

* Preparing for and teaching class (five classes – AP Calc BC, Physics, Statistics, Financial Literacy, Coding)

Grading, meeting with/calling parents of students, after-school activities

Oakland Charter High School Aug 2018 – Aug 2020

Position: Math Teacher

Duties:

* Preparing for and teaching class (Geometry, Algebra 2, Precalculus)
* Grading, meeting with/calling parents of students, after-school activities

**Projects:**

* Created a binary image-classification machine-learning program and developed a new algorithm based on SVM
* Created a word processing application used to create crossword puzzles and solve anagrams
* Created a unit-testing program for checking and running unit tests for student Python and Java files, and non-programming text files
* Created a program for encrypting text files
* Created my own Pokémon battling game, identical to Pokémon battles, but with more optimization and items
* Created half a dozen or so other smaller video-games

**Skills**:

Languages: Java, C, C++, C#, Python, SQL, and web-based languages

Software: Git, Adobe Illustrator, Photoshop, MS Excel, Word, PowerPoint, et al

**Portfolio**:

* <https://github.com/Peter-Olson>
* Wrote an Intro to Java textbook
* Wrote and self-published a book on finance
* Created over 1500 images using Illustrator and Photoshop; portfolio for graphics and games available upon request